



Early risers are shown to have
reduced BMI measurements
SCIENCE & TECHNOLOGY B7



Admitted students get a taste
of Hopkins at SOHOP
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the johns hopkins News-Letter

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HOMECOMING WEEKEND



BRETT BRODSKY/PHOTOGRAPHY EDITOR

The Hopkins community came together to cheer on the Blue Jays against Maryland at the annual Homecoming lacrosse game. See Page A4.

Hopkins Hospital workers end failed strike

By ASHLEY EMERY
For The News-Letter

The Hopkins Hospital's service workers ended their three-day strike on April 11, failing to obtain the higher wages for which they fought. The strike initially erupted on April 9 after the Hospital and service workers disagreed over higher wage proposals.

Wages at Hopkins range

from \$10.71 per hour to \$27.88 per hour. However, many service workers are on Medicaid and food stamps. 1199SEIU United Healthcare Workers East, the labor union representing approximately 2,000 employees at the Hospital, says that about 1,400 of them are paid less than \$14.91 per hour, a rate which qualifies a family of four for food stamps.

Hopkins officials did not

present a counterproposal on April 11, but negotiations resumed on April 14. There still has not been an agreement on wages despite the strike, and although they reported back to work at 6 p.m. on April 11, the workers threatened to strike again.

"We are negotiating in good faith, working to reach a settlement that's fair to everyone and reflects financial responsibility on the part of the hospital," Hopkins spokeswoman Kim Hoppe said in a statement.

The Hospital has maintained that it will not negotiate this issue through the media.

"Out of respect for our employees and the bargaining process, we will take those issues to the table and bargain there and not

in public," Vice President of Human Resources Bonnie Windsor said in a statement.

Hopkins undergraduates have also attended and participated in these strikes, adding to the crowd of workers, nurses and doctors expressing their solidarity.

"The fact that Johns Hopkins, an institution which does so much important work in the field of public health, pays their workers paltry wages that can barely cover the cost of living for themselves and their families is indefensible. Many of these individuals can't even afford the cost of rent or their own health care, despite having worked at Hopkins for more than a decade," senior Rachel Cohen wrote in an email to *The News-Letter*.

College partisans face off in annual campus debate

By RITIKA ACHREKAR
Staff Writer

The JHU College Republicans and Hopkins College Democrats held their annual debate Monday in Mudd Hall.

The event was moderated by the Charles St. News, a non-partisan student group that shares news stories on current events. For the first time, the debate in-

cluded a cross-aisle round, in which debaters partnered with people from the opposite party.

"I feel like Hopkins doesn't have too much political activism, so I was excited to see something on campus about politics," freshman Saloni Jain said.

The audience participated in the conversation by posting questions targeted at specific debaters on the Charles St. News's Facebook page. Dan Adler, moderator and co-president of the Charles St. News, said that he got the idea from the Foreign Affairs Symposium (FAS), which used Twitter to engage the audience at a recent event.

"I really like how we were able to use our page to have the audience ask cross-examination questions," Adler said. "I always think it's really cool to see social media used in creative ways, since it plays such a heavy role in our society."

SEE DEBATE, PAGE A5

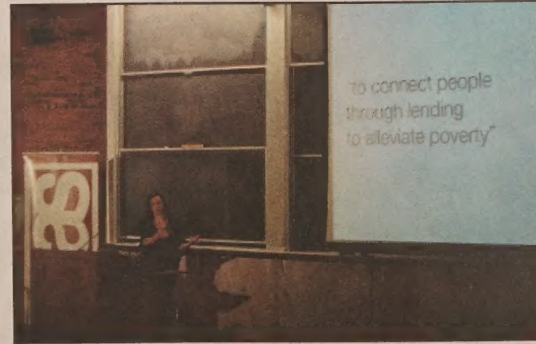
Jackley delivers final 2014 FAS talk

By ELLIE PENATI
Staff Writer

Jessica Jackley, co-founder of KIVA.org, spoke to an audience in Mudd Hall on Wednesday as the final speaker of the Foreign Affairs Symposium's (FAS) 2014 speakers series.

KIVA.org, the world's first peer-to-peer microlending website, allows users to lend as little as \$25 to impoverished entrepreneurs around the world as a way of providing capital to their small yet growing businesses. After a period of time, these loans are paid back in full to the lender who can then proceed to donate to another entrepreneur.

Jackley spoke about how her path to co-founding KIVA was unexpected.



ELIZABETH CHEN/PHOTOGRAPHY EDITOR

Founder of KIVA.org Jessica Jackley discusses her personal motivations.

She was first introduced to the world of microlending and low-income entrepreneurs while attending a talk at Stanford University by Mohammed Yunus, the Nobel Peace Prize winner and founder of the Grameen Bank.

"These entrepreneurs were the most self-sufficient, 'go-conquer-the-world doers,' and so you see the poorest entrepreneurs and hear stories not of sadness and suffering, desperation and hopelessness

SEE JACKLEY, PAGE A5

would likely lose its status as a recognized fraternity.

"I can tell you that it started because there was underage drinking the night of the stabbing," Xavier said, referring to the early hours of Jan. 19 when an unidentified assailant stabbed junior Giovanni Urquilla in the PIKE basement.

As a result of that incident, PIKE was put on social probation.

The University just said that they don't want to support us anymore.

— Anonymous
PIKE affiliate

"Until the review is completed, Pi Kappa Alpha will not be permitted to hold social or rush activities," Erin Yun, deputy to the vice provost of student af-

fairs, wrote in an email to *The News-Letter* at the time. "Johns Hopkins also is fully cooperating with the Baltimore Police Department's investigation of what happened at the party."

According to University policy, fraternities and sororities can be put on probation, suspended or expelled if they engage in any behavior that jeopardizes the safety of students or the reputation of the University.

"I know that the party last Saturday was the tipping point," Zane said. "It was an accumulation of other things, but all of this is happening because of that party."

On Saturday afternoon, members of PIKE violated their social probation by holding a tailgate mixer with sorority Phi Mu before the homecoming lacrosse game. Baltimore City Police shut down the event after students began drinking on the fraternity's front lawn facing Charles Street.

The affiliates interviewed expressed uncertainty about PIKE's future.

"What's going to happen to us? I don't know. It's very much in limbo," Zane said. "It would be bad if we went underground. I don't know if we want that either. That would be a very bad situation for us."

Yves shared the same sentiment about the prospect of going underground.

"I doubt it'll be like IX. There's too much liability.

SEE PIKE, PAGE A4



LEON SANTHAKUMAR/
PHOTOGRAPHY EDITOR
Senior Luke Kanter debates minimum wage for College Republicans.

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NEWS & FEATURES

FAS presents first Anne Smedinghoff Award

By ALEXANDRA BALLATO
Staff Writer

The Foreign Affairs Symposium (FAS) honored Shabana Basij-Rasikh, the 24-year-old co-founder of a boarding school for girls in Afghanistan, on Friday in Shriver Hall at its first-ever Anne Smedinghoff Memorial Event.

Scheduled to coincide with the start of Alumni Weekend, the event focused on celebrating the life of Anne Smedinghoff, the Hopkins alumna who was killed last April in a suicide attack while delivering books to underprivileged students in southern Afghanistan.

"To know her was to love her and to laugh with her," Liz Minor, Smedinghoff's college roommate and longtime friend, said.

Several of Smedinghoff's friends were present at the event, as were members of the Smedinghoff family. It was Tom and Mary Beth Smedinghoff, Anne's parents, and her sister Regina who presented Basij-Rasikh with the first-annual Anne Smedinghoff Award.

"I was very moved when Anne's best friend spoke about Anne and her life," freshman Danielle Ziegelstein said. "Anne seemed like an amazing, accomplished and inspirational young woman, and it made me tear up thinking about losing someone so special and close to me. I hope to follow in Anne's footsteps and live a fulfilling life."

FAS Co-Executive Director Nikhil Gupta said he shared the same sentiment.

"She will always remain a proud alum and a great example for this symposium and our community as to how to better serve others and bring our community closer together," he said.

Smedinghoff, who was working for the State Department at the time of her passing, was deeply com-

mitted to education, economic development and global peace.

FAS invited Basij-Rasikh to speak as a personification of those ideals.

"This year's entire symposium was in her name, and this event was the culmination of our effort to recognize her efforts, both as a part of FAS and in her efforts with the State Department," sophomore Adam Eckstein, an FAS staff member, said.

Basij-Rasikh, co-founder of the School of Leadership, Afghanistan (SOLA), is the first of what the FAS staff hopes will be a long line of memorial award recipients.

"The award itself represents the drive and passion of individuals who, even in the midst of disarray, are able to enact remarkable transformations that inspire others around the world," FAS Co-Executive Director Will Szymanski said.

Basij-Rasikh was considered a natural choice for the award.

"I think it is really fitting that the first recipient of the Anne Smedinghoff Award is Shabana, as she really has done so much and has lived through so much in Afghanistan," Tom Smedinghoff said.

Students in the audience were equally impressed by what Basij-Rasikh has accomplished in such a short amount of time.

"She is a contemporary of Anne's coming from a completely different perspective but working towards a very similar goal, albeit in different ways," Eckstein said. "Her strong drive to make a difference and her dedication to her work make them similar."

Raised in Kabul under the rule of the Taliban, Basij-Rasikh was forbidden from attending school. Her parents, however, defied the law by sending her to school disguised as a boy.

"Every single day, my parents knew that the pos-

sibility of us not returning home was real and that if we were caught by the Taliban receiving an education, we could be killed and our teachers could be killed and our parents could be punished," Basij-Rasikh said.

With her family's commitment to education, she was able to come to the United States for high school through a prestigious State Department program, and she ultimately graduated magna cum laude from Middlebury College with degrees in both International Studies and Women and Gender Studies.

"Every day, I was around people where I smelled and sensed privilege, and I knew that I was participating in that life; I was one of those people who had access to that kind of education," she said.

It proved to be a much different experience than the experience of many in her home country, where only six percent of women hold college degrees.

"I was part of two different worlds that had very little in common," Basij-Rasikh said.

"There were times where I often wondered why I was the one who had access to this education. What if I had been born into a different family? Why me?" she said.

To reconcile those feelings, Basij-Rasikh took action and began work that echoes that of Smedinghoff. During her time as an undergraduate, she started a foundation called HELA, the mission of which was to raise money to build schools near her hometown and empower women through education. The program evolved and eventually became SOLA.

"It was this sense of moral obligation as an Afghan woman being on this privileged side of society that compelled me to start this school," Basij-Rasikh said.

SOLA, the first boarding school for girls in Afghanistan, veers away from the outdated curriculum characteristic of the country, instead teaching young girls the importance of thinking critically. In a region where war and instability have long been the norm, Basij-Rasikh has tried to help young Afghans learn how to deal with social problems by fostering a community that pledges to respect, accept and appreciate differences.

"Although the school consists of only 35 girls, Shabana's commitment to these girls is clear," freshman Alexandra Saichin said. "An aspect of her school I really admired was the Skype program between the students and accoladed mentors. These twice-a-week Skype sessions sounded instrumental to the success and inspiration of these girls."

Basij-Rasikh, who has already witnessed great changes in her country, has high hopes for the future of Afghanistan.

"Much of it can be achieved because of people like Anne, who risk their lives, who have gone out of their comfort zone," she said.

In addition to the award in her name, a new Anne Smedinghoff Memorial Fund will provide financial support to students pursuing opportunities in international development and diplomacy.

"Anne's friendship and impact spanned across generations, oceans, land barriers and widely different cultures, so seeing the experience and responses over the past year from the so many lives that she's touched in some way came as no surprise to those of us that knew her well," Minor said. "But the efforts and endeavors to continue her legacy have been heartwarming."

Over 200 people run in 12th Blue Jay 5k

By WILL KRAUS
For The News-Letter

Runners lined up outside of the Ralph S. O'Connor Recreation Center to take part in the 12th annual Blue Jay 5k benefiting the Lymphoma Research Foundation on Sunday. The student-run fundraiser was organized by the men's and women's track and field teams.

Both Hopkins affiliates and members of the Baltimore community participated in the event, which was open to the public. 204 people registered for the race.

Sophomore Colin O'Connor, a member of the men's track and field team, was in charge of organizing the race along with Bobby Van Allen, the head coach. Members of both teams worked for months in advance of the event to obtain sponsorships from local businesses.

After track and field team member Rebecca Grande, class of 2015, passed away in 2012 from non-Hodgkin lymphoma, the teams chose the Lymphoma Research Foundation as the recipient of the event's proceeds.

Many other Hopkins students also said they were eager to raise money for the teams' cause.

"It's an issue that touches everybody," freshman Maria Wang, who participated in the 5k, wrote in an email to the *The News-Letter*.

Freshman Betta Hobbins, another participant, agreed.

"Personally, I don't know anyone that has had lymphoma," Hobbins said. "But any research that goes to cancer is important to me. I think it's always a

good cause."

The event began with a warm-up at 9:15 a.m., and the race kicked off at 9:45 a.m. Several points on the course were flanked by members of the men's and women's track and field teams, who handed out water and cheered on the runners. After the race, some participants continued on a half-mile "fun run" around Homewood Field. At the end of the event, prizes were given to the top finishers in several age groups.

I love running and participating in philanthropy.

— COLIN O'CONNOR, EVENT ORGANIZER

"I'm trying to be more active because I've gotten a lot less motivated as the school year has progressed," Wang said.

"One of my friends is on the track team and she heard about how I wanted to participate in a race but wasn't ready for anything too intensive like a half marathon. She suggested I run the 5k the track team was hosting on campus."

Overall, O'Connor was satisfied with the outcome of the fundraiser.

"[We had a] good turnout on a beautiful day," O'Connor wrote in an email to *The News-Letter*.

Both the organizers of the 5k and many of the 204 runners who turned out on Sunday said they were looking forward to future races.

"I'm not a runner," Wang wrote. "This was actually the first race I participated in, and I absolutely loved it."

O'Connor said he was personally gratified by helping plan this year's Blue Jay 5k.

"I love running and participating in philanthropy," he wrote. "When you can enjoy both at the same time, it's a great feeling."

Accepted Class of 2018 explores Homewood campus for SOHOP 2014

By JANE JEFFERY
Senior Staff Writer

The Spring Open House and Overnight Program (SOHOP), presented by the Hopkins Hosting Society, returned this spring drawing nearly 1,000 accepted students to visit campus. SOHOP gives potential incoming freshmen a glimpse of undergraduate life at Hopkins and enlists current undergraduates to act as their overnight hosts. This year Hopkins held two overnight sessions, one from April 9-10 and another last night.

"I think SOHOP has been going the best it's ever gone," Hopkins Hosting Society's Operations Director Shelby Strauss wrote in an email to *The News-Letter*. "A lot of the executive staff has been working on this for three or four years; since the beginning. The events are pretty set so we have just been improving all the aspects of the events year to year. It will also make it easier to pass on the program to the next group of capable students."

In addition to spending the night with a host in the freshman residence halls, prospective students had the opportunity to learn more about academics at Hopkins and meet potential future classmates. On Wednesday afternoon both weeks, prospective students participated in a number of "Blue Jay for a Day" activities that took them around campus and into the surrounding Charles Village neighborhood.



NANCY KIM/PHOTOGRAPHY STAFF

Accepted students were treated to a taste of student life at Hopkins during SOHOP 2014, organized by the Hopkins Hosting Society.

Visiting students learned all about the University's clubs and organizations, as well as student services, at a student services and activities expo. The expo was followed by lectures from faculty members and a dinner with current students. Finally, visitors attended a student-organized night festival.

On Thursday, students attended a full day of activities including a welcome from President Ronald J. Daniels, academic presentations by major, housing tours, a networking lunch and info sessions devoted to Pre-Professional Advising, internships and research at the University.

Some aspects of SOHOP were new this year, as Hopkins Hosting Society's Events Director Anthony Gacita explained.

"Each year, we work hard to improve our programming. We have added many events to our Blue Jay for a Day Program which includes tours to areas around campus. This year we have added a dining tour (including samples from Dining, thanks to Bill Connor!), a BLC tour and a campus ministries tour. We have also added events to our famous Night Festival. This year, we included a Rock Band game on stage, many awesome prizes and a new crab bake game! On the volun-

teer side, we have seen a record number of current students sign up to host," Gacita wrote in an email to *The News-Letter*.

The night festival, held in the Ralph S. O'Connor Recreation Center, was packed with students on Wednesday night.

"I'm undecided. This is my first visit to Hopkins. I had heard good things. My favorite thing about SOHOP would be the macaroni bar [during dinner]; it was pretty solid. I really liked meeting the people too," Sam Shapiro, a potential incoming freshman from New York, said. "I'm also looking at Northwestern and Tufts primarily."

However, some stu-

dents such as Naomi Rodgers from Nashville attended SOHOP having already committed to matriculating at Hopkins.

"All the hosts are great and all the organizers have done a really good job. I liked the cultural show. It was cool to see the performing arts groups on campus. I decided to come here before SOHOP. I tried to be really objective during all my college tours and when it came time to make a decision and I didn't have to be objective anymore I found that I had already picked Johns Hopkins," Rodgers said.

While more students attended the second SOHOP overnight program than

the first, the attendance at both events went into the hundreds.

"We had around 300 come for the first week, and we will have 500-600 admitted students coming for the second week," Strauss wrote.

Many Hopkins Hosting Society staff members have participated in the program throughout their undergraduate careers and have dedicated themselves to organizing and improving the program.

"The idea of hosting a prospective student was very exciting to me," Strauss wrote. "I was involved in a lot of groups in high school and wanted to find some way of getting involved in college. Hopkins Hosting Society really called to me because I got to talk to people who were making the same decision I had made the year before. I wanted to get as involved as possible so I kept volunteering for positions and interviewing and eventually got a spot in the executive staff."

According to Gacita, volunteering for SOHOP is a worthwhile experience.

"Everyone on the Hopkins Hosting Society executive board is committed to strengthening the Hopkins community by introducing admitted students to our vibrant student body. Working on the SOHOP program is the perfect mix of fun and hard work. We all love that feeling when our events work well and the admitted students see Hopkins in the best way possible," Gacita wrote.

NEWS & FEATURES

FIJI hosts annual Islander fundraising event

By MARY KATE TURNER
Staff Writer

This Saturday, students, alumni, faculty and community members congregated on the President's Lawn for the annual FIJI Islander.

Hosted by the brothers of Phi Gamma Delta (FIJI), the event has been a part of the Hopkins Homecoming weekend for over 25 years. Attendees paid \$5 to enter, and the proceeds went to the United Service Organization (USO), which is a non-profit organization dedicated to supporting the American armed forces and their families. This year, over 800 people came to the event, which raised \$1,634 for the USO.

"As a senior who has now been to four Islanders, this was the most packed I have seen it," FIJI Islander Co-Chair Justin Dana wrote in an email to *The News-Letter*.

The event featured live entertainment, a cookout, a beer garden and the FIJI Islander Princess Competition.

In the contest for FIJI Islander Princess, several sororities and campus groups nominate representatives to fundraise for a designated charity. This year, the proceeds from the Princess Competition went to the Katie Oppo Research Fund. The girl who raises the most money is

carried around the President's Garden in a bamboo chariot.

This year's participants included Sarah Azody from Kappa Kappa Gamma, Sophia Fleming-Benite from WJHU Radio, Pavitra Gudur from Pi Beta Phi, Cara Schulte from Phi Mu, Liz Tommasi from Alpha Phi and Astrid Zessler from Kappa Alpha Theta. Together, the girls tripled last year's efforts by raising over \$3,000 for the Katie Oppo Research Fund.

Katie Oppo was a member of Phi Mu at Hopkins. She was diagnosed in August of 2010 with Small Cell Carcinoma of the Ovary, Hypercalcemic Type (SCCOHT) and passed away in April of 2011. The Katie Oppo Research Fund is dedicated to funding research and raising awareness for ovarian cancer. It is an organization that Hopkins students frequently choose to support in their fundraising efforts.

"Katie Oppo was a good friend of a lot of the alumni in our fraternity," Islander Co-Chair Kevin Barry said. "She was actually dating one of the brothers at the time, so when that happened it was a big shock. We decided to start the Islander Princess Competition for her and keep that going year-to-year."

"After learning about the cause, I was really interested because I had done cancer research in high school and

continued that a little in college," Islander Princess winner Pavitra Gudur said.

Gudur also associated herself with the cause because several of her friends were close with Oppo.

When fundraising for Islander, Gudur contacted friends, family, past teachers and other Pi Phi chapters. After collecting over \$1,200, including \$800 from her own savings, Gudur broke the record for the largest sum raised by a single contestant.

"I really enjoyed the opportunity to represent Pi Phi and help out with an amazing cause, especially one that was so close to home," Gudur said.

Schulte, the Princess contestant representing Phi Mu, was also enthusiastic about being a part of the Islander tradition.

"I wanted to do it because Katie was a close friend of many girls in Phi Mu, and the organization means a lot to our sorority," Schulte said.

Michael Kimmelman of the Class of 2013, who organized the event last year, was impressed with this year's turnout.

"I was super excited to be able to attend FIJI Islander this year," Kimmelman wrote in an email to *The News-Letter*. "It was a ton of fun catching up with old friends and enjoying a beautiful day on campus. Plus, FIJI raised a huge amount of money for two fantastic charities."

Not all of those who attended FIJI Islander were Hopkins students. The FIJI brothers worked to spread the word to members of the Loyola, Towson and University of Maryland communities. Many students also brought family members to the event.

Freshman Olivia Lindenberg brought her parents along to relax on the lawn with her friends after the lacrosse game.

"I'm glad that I was able to show my parents just how strong the Hopkins community is and that we were all able to enjoy the event on such a beautiful day after such a great game," Lindenberg said.

FIJI President Evan Tassis was also pleased with the event's success.

"We surpassed all previous years in raising money, and we believe everyone had a great time," Tassis wrote in an email to *The News-Letter*. "We also had the University of Maryland chapter of FIJI attend our event to help raise money for one of their brothers who has cancer and is being treated at the Johns Hopkins Hospital. So we were even able to raise some money for his cause as well."

Barry attributed this year's success to the good weather, FIJI's increased marketing efforts and WJHU Radio's inclusion of local bands.

"For us, it was extremely nice because we raised so much money for both charities," Barry said. "We also have The PUSH coming up this weekend, which will be another great opportunity for us to raise money for USO."

Dana agreed that the event went well.

"Overall, we think it was a very successful Islander," Dana wrote. "We had great weather and, aside from a few minor hiccups, have nothing bad to report. We received positive feedback on the three bands who played, as well as [on] the food served."

Tassis expressed his aspirations for future events.

"We have new ideas to help improve Islander, so hopefully we can continue to increase the amount of money we raise for the Katie Oppo Fund and the USO," Tassis wrote. "We all are happy with what we were able to accomplish and would like to thank everyone who attended and supported us."

Speakers discuss China's environment at GCC event

By ALEX FINE
Staff Writer

The Global China Connection (GCC) hosted its first-ever symposium this Saturday, drawing five professors from several different universities to speak about current environmental issues in China. The conference, entitled "A Snapshot of Environmental Challenges," attracted over 50 students, parents and alumni.

"This is the first [time] we've had a symposium of this caliber," GCC Vice President Ben Zhang said. "There is a lot of room for improvement, but for our first efforts, it was a pretty great start."

Zhang started planning and organizing the symposium last fall. All the professors lectured about their research pertaining to China's environmental track record, addressing issues ranging from sustainable offshore energy to an increasing emphasis on urbanization in the world's most populous country.

The symposium's keynote speaker was Professor John Groopman from the Bloomberg School of Public Health. Groopman, of the Environmental Health Sciences Department,

focused primarily on Alfatoxin, a type of liver cancer that is caused by chemicals released into the air in China.

What was really interesting was that he didn't only focus on scientific issues but also related [them] back to quality of life in China," Zhang said. "This is not only a Chinese problem, but something that affects people globally."

In his lecture, Groopman analyzed patterns and trends in China. Although he did not offer solutions, he highlighted the fact that people who live in extremely polluted northern areas of China have a life expectancy five years lower than that of people in the rest of the country.

Professor Erle Ellis of the University of Maryland, Baltimore County was another notable speaker at the symposium. Ellis lectured on the long-term ecological changes happening in Chinese villages as urbanization occurs.

Contrary to popular opinion, Ellis argued that people in cities live more efficiently and use fewer resources per capita than those in rural areas. Furthermore, he proposed that the Chinese citizens' continual migration toward urban life will translate into positive environmental statistics in the years to come.

Hopkins Professor Erica Schoenberger, who has a joint appointment from the Department of Geography and Environmental Engineering and the Department of Anthropology, discussed why capitalism might be good for the environment and how the economy factors into Chi-

na's environmental record.

Schoenberger explained that most environmental problems are caused by humans. She said that human problems are social problems, and, in solving them, it all comes down to the supply and demand curves and incentives.

"My idea is to use capitalism to control the environment," Schoenberger said.

Tabitha Grace Mallory, a postdoctoral research fellow in the Princeton-Harvard China and the World Program, specialized in international relations and China's foreign and environmental policies. She discussed China and the Global Marine environment.

The final speaker was Professor Xi Liu from Harvard University. Liu discussed the integration of offshore wind power to stabilize China's electrical supply as its demand for energy grows along with its population.

The symposium recruited speakers through connections in the field. The conference was co-sponsored by Hopkins's Earth and Planetary Science Department, the East Asian Studies Program, the Inter-

Asian Council and The Hopkins Environment, Energy, Sustainability and Health Institute (E2S-HI).

"About 80 percent of the work we did was what I would call 'brute force,' just googling every possi-

ble name and seeing what sticks," Zhang said. "But when we started looking last November, we contacted these different organizations, and they helped sponsor the event and supplied several of our speakers."

Although Zhang said he thought the event was an overall success, he acknowledged that GCC ran into several problems along the way.

"The symposium cost us a lot of money," he said. "In the future, we might make the registration process more streamlined and possibly impose a fee. Although fewer people may register, a much higher percentage of those who do will show up."

The GCC also struggled with attendance, as the symposium coincided with many events that took place during Homecoming weekend.

"[Hosting] it on Alumni Weekend was both an advantage and disadvantage," Zhang said. "A lot of events were going on on campus, but a lot of alumni with their kids and current students with their parents showed up spontaneously as well."

Despite several monetary and popularity setbacks, Zhang hopes the symposium will grow into an annual event in years to come.

"In the future, we want to organize it with other colleges in the area [and] invite other GCC chapters," Zhang said.



IVANA SU/PHOTOGRAPHY STAFF

FIJI hosted its annual Islander fundraiser on the President's Lawn and raised \$1,643.

GOP gubernatorial debate held in Shriver

By ALEXIS SEARS
Staff Writer

The Maryland Republican Party held their gubernatorial primary debate between candidate hopefuls Harford County Executive David Craig, Cintas Corporation general manager Charles Lollar and Delegate Ron George of Anne Arundel County in Shriver Hall last Thursday. Larry Hogan, the fourth contender, did not attend.

The main issues that the candidate hopefuls touched upon included the economy, crime and education.

On the topic of the economy, all candidates agreed that taxes needed to be lowered. Lollar proposed to eliminate the personal income tax completely, while George put forward a plan to cut the income tax, lower the corporate income tax and lower taxes on property and equipment for manufacturing firms. Craig emphasized the need to appeal to businesses who are considering leaving the state. According to Craig, having a diverse range of businesses in Maryland would inspire competition and lower prices for consumers.

When talking about crime in Maryland, Craig emphasized the fact that Harford County had the lowest crime rate in the state. Both Craig and Lollar called for reform to Maryland's correctional

facilities. George, on the other hand, proposed a new treatment and rehabilitation program in an effort to reduce the recidivism rate. George made clear that, while he was not attempting to be "nice" to the criminals, physical and mental health problems among inmates have a correlation with violence.

In regards to education, all of the candidates stated that they would get rid of the Common Core. Lollar, whose wife is a teacher, emphasized the need for Maryland to turn down federal dollars, including those going to education. And Craig, who used to be a teacher himself, called for a redistribution of wealth within schools from administration to teachers.

In general, while the candidates agreed on most

issues, the debate provided an opportunity for candidates to prove to voters that they can win the general election. In that respect, Lollar and George, who owns a jewelry store, repeatedly cited their business backgrounds as a credential for efficient government leadership.

The debate was hosted by the College Republicans and moderated by Richard Sher, the host of local ABC talk show *Square Off*.

"[The] event was a unique and productive way to connect students with politics and current events shaping the state we live in," College Republicans president Christine McEvoy wrote in an email to *The News-Letter*.

Students from Loyola, Towson and the College Park and Baltimore City campuses of the University of Md., as well as about 200

Maryland citizens, also attended the event. Conservative political blog Red Maryland Network live-streamed the event.

Maryland Congressman Andy Harris, who earned both a bachelors' degree from Hopkins in 1977 and a medical degree in 1980, spoke before the debate.

McEvoy wrote that the College Republicans began planning the event, which was hosted in conjunction with the Loyola College Republicans, the Baltimore City Republican Central Committee and the Maryland Republican Party, in October.

Before the debate, students had the chance to network with Republican candidates for the Maryland House of Delegates at a reception outside Shriver. At this reception, McEvoy was voted the next chair of the Maryland Federation of College Republicans.

"I look forward to continuing to work with such motivated and dedicated individuals both in Maryland and within the College Republican National Committee," McEvoy wrote.

McEvoy wrote that the College Republicans are currently working to increase their campus presence and to connect undergraduates with politics and current events.

The Maryland republican gubernatorial primary will be held on June 24.



IVANA SU/PHOTOGRAPHY STAFF

Maryland Republican gubernatorial candidates debated in Shriver Hall.

Errata: April 10, 2014

On page A1 of our last edition, we incorrectly stated that the Holi celebration this year was the third annual Holi. In reality, this was the 13th annual Holi.

The News-Letter regrets this error.

Construction on Charles St. stays on track

By ELIZABETH ARENZ
Staff Writer

The University updated the Hopkins community on the progress of the Charles Street reconstruction project this past Friday via email. The developments include the removal of several large blockades that will allow for easier pedestrian access to the Homewood campus, the continuation of roadwork and detours that will affect those living in Charles Village.

The \$28 million renovation, supported by federal and local funds as well as significant contributions from the University, was first discussed in 1999 with explorations into its feasibility by the City of Baltimore. The project ran into several issues and was stalled for years until planning resumed in Jan. 2010. Construction began in the spring of 2012 with the installation of a new gas line beneath Charles Street.

Senior Project Manager in Design and Construction for Johns Hopkins Facilities and Real Estate (JHFRE) Michael Sullivan said that the work has proceeded almost as planned.

"Construction has stayed on schedule for the most part with time extensions agreed upon due to the impact of unknown communication lines and delays due to weather," he said.

The reconstruction has affected many Baltimore residents due to the high traffic Charles Street receives each day. The Baltimore City Department of Transportation notified city residents that more changes will take effect on Thursday, saying that vehicular traffic will be diverted in the northbound direction on Charles Street as cars are detoured from Greenway.

Hopkins also noted that the crosswalk leading to

Art Museum Drive has just been relocated to the south side of its intersection with Charles Street. This change will create a safer route for pedestrians, who had previously been forced to cross both lanes of traffic on Charles Street.

The University's email noted that the paving of the ellipse in front of the Beach has been installed, and that the sidewalk running from 33rd Street to University Parkway

to reduce the speed of the vehicles due to the changes in road surface from pavers to blacktop and the separation of travelling lanes like a boulevard; marked bike lanes were added; a larger pedestrian crossing at Charles & 34th Street, i.e. the Beach, etc.," Sullivan wrote in an email to *The News-Letter*.

Babaknia said she was curious about how easy it will be to cross the intersection once the street is

efit from the pedestrian-friendly boulevard at Charles as well and continue the link via 33rd Street to St. Paul Street and Charles Village," he said.

This past winter, construction was paused, frustrating many students hoping that construction would be completed sooner. Sullivan said the project is nevertheless on track.

"Construction for the most part was halted in mid-December due to

weather constraints [with] an uncharacteristic number of rain days [and] numerous snow events from December through March with Baltimore receiving over 40 inches of snowfall," he wrote. "The contractor has at times advanced work in one area to compensate for a delay in another area."

Junior Tiffany Lin expressed her hope that the project will be fully completed in the near future.

"I hope we can enjoy it for senior year but I know it's been hard with weather delays," Lin said. "Regardless, it's coming together very nicely."

Despite numerous delays and unforeseen weather-related slowdowns, the project's leaders expect it to be completed this fall, with the last signs to be installed in October and the official grand opening to take place in November.

Sullivan said that the city is working with Hopkins on plans to improve road safety on the other side of campus.

"JHFRE continues to evaluate San Martin Drive in order to make the road a safer and more pedestrian-friendly (and jogger-friendly) roadway," he wrote.

"Traffic calming measures were added last year to slow vehicular traffic via longer 'speed bumps' and other devices [and] a sidewalk is now being planned as well."



ELIZABETH CHEN/PHOTOGRAPHY EDITOR

Many construction barriers on Charles Street have been removed, opening up the street to pedestrians.

on the campus side of Charles Street will be opened to pedestrian foot traffic.

Junior Harriet Green expressed her relief that it is now easier to reach campus.

"The fact that the fences have opened up around the Beach allows me to now commute more directly and get to class in less time," she said.

Junior Nicole Babaknia agreed.

"I think opening up that central part of campus' right outside of the Beach changed the whole entrance there," Babaknia said. "It's convenient for us as students and it looks fantastic."

Leaders of the reconstruction project have maintained that though it may beautify the area, increasing safety was the primary motivation for the project.

"The redesign includes 'traffic calming measures'

once again opened to vehicular traffic.

"I'm really interested to see [what] the situation with the traffic is going to be like with cars and parking," she said.

Sullivan, the Hopkins project liaison for the Charles Street Reconstruction Project, also talked about the aesthetic changes that will result from the overhaul.

"The enhanced landscaping, art area at 33rd Street, use of pavers, etc. all add to increasingly welcome pedestrians to frequent the businesses throughout Charles Village," he wrote.

Sullivan said that the reconstruction project will not only improve Charles Street but it also will help the city and the University in their efforts to bolster the business community of Charles Village.

"The development of the Olmsted Lot will ben-

PIKE faces scrutiny from Hopkins administration

PIKE, FROM A1

IX is so much smaller and more covert. There's no possibility for Pike to turn out that way," he said. "We'll continue to exist, but I don't know how."

IX is an unrecognized sorority that was established by former members of the Hopkins chapter of Kappa Alpha Theta after it was shut down in 2009. Although a new Theta chapter was introduced on campus last semester, IX operates independently and has no affiliation or contact with Theta.

Sophomore Tucker Gordon believes PIKE being kicked off campus would substantially affect the Greek community.

"It will depend a lot on whether or not they go underground, and if they remain in their house," Gordon said. "But obviously such a large fraternity getting kicked off campus will have an impact on all of the Greek life and a bunch of different student groups and events on campus."

Junior Charlotte Sneath, a member of the Alpha Phi sorority at Hopkins, believes that there are larger issues with how the administration deals with Greek life problems.

"The possibility of the revocation of PIKE's charter is a sign of a larger problem occurring now in Hopkins Greek life. Instead of having a clear and constructive conversation with the community, the director of Greek life is now enforcing an unreasonable strictness," Sneath said. "If they were to lose their charter, PIKE would definitely not cease all social activity, but would probably form a group not unlike the underground IX sorority. Students at Hopkins crave a fun social environment — if there is no guidance and only suppression the results will be unfavorable for everyone."

Freshman Jack Murren agreed with Sneath that PIKE being kicked off campus could potentially become a greater liability.

"There is very little that keeps PIKE from doing what they want," freshman Jack Murren said.

"If they are forced to go underground the school would be risking PIKE becoming a place that they could not control and a potential danger. Think Mad Max meets Lawless Western."

The three interviewed PIKE affiliates all said they felt that the administration's scrutiny of the fraternity was unwarranted.

"I kind of feel like the administration is out to get us because of our reputation of being the party frat. Other frats do so much more s*** and never get called out on it," Xavier said.

"People just dramatize and blow up everything," Yves added.

Yves highlighted some of the positive aspects of PIKE.

"I don't think they realize that they are messing up because there's a lot of appeal that PIKE brings. It's a different facet to Hopkins and people might not come to Hopkins if there wasn't some aspect of fun and wildness," Yves said. "PIKE is a very unique part of Hopkins. That's where everyone goes."

Yves said that PIKE's diversity is one of its virtues.

"PIKE is the most multicultural fraternity, by far," Yves said. "Why is that? It's because PIKE doesn't have a type of person they're trying to get. PIKE is open to everyone, if you have the right kind of heart. It's not about who you are, it's about how much you love your brothers."

Other members of the Hopkins undergraduate community agreed with Xavier and Yves about the administration's treatment of PIKE.

"I think that it's not fair to them," sophomore Blaine Muri said. "People are still going to go to PIKE, and they're still a part of the Hopkins community, so I don't see how this solves any problems. I think if they lose their house then things will be a little more stagnant. But other than that, people will definitely still attend PIKE parties and events."

Staff Writer Alex Fine contributed reporting.

Homecoming weekend hosts class reunions, lacrosse game and tent party

By RACHEL BECKER
Staff Writer

Hopkins alumni from around the world descended on the Homewood campus to celebrate Homecoming and attend class reunions this weekend.

The weekend's highlight was men's lacrosse's victory on Saturday against the University of Maryland (see "Blue Jays breeze by Maryland Terps," B10). In attendance at the game were former Mayor of New York Michael Bloomberg, a member of the Class of 1964, and University President Ronald J. Daniels.

"There was a nice turnout," freshman Christian Cayon said. "Everyone was enjoying the sunshine. School spirit was at an all-time high."

The game concluded with the Blue Jays beating the Terps 11-6.

"It was really nice to see the Hopkins community come together to support the lac team at the Homecoming game," senior Emily Nadelmann said.

The stadium was packed with many community members standing on the track and around the field.

"I really enjoyed the Homecoming game," freshman Andie Seabrooke said. "It was so fun to have the stadium packed. It was also so great to meet the alumni of my sorority family that I had heard so much about."

During the men's lacrosse game, Hopkins Helps the Kids had a Homecoming Head Shaving Event. At halftime, Daniels shaved Athletic Director Tom Calder's head to raise awareness and money for the St. Baldrick's Foundation, a charity committed to funding children's cancer research.

At the game, there was also a silent auction and a raffle for St. Baldrick's. Food trucks were parked behind the field during the game.

"I thought Homecoming was so much fun," freshman Elizabeth Moriarty said. "It was awesome that so many fans came out for the game. The weather could not have been more beautiful."

Senior Drew Lash agreed.

"Homecoming really brings the Hopkins community together, both the alumni coming back and interacting with the larger community and the students coming out to the game," Lash said. "We come together to support our team. I wish things like this happened more often. Homecoming has become more important to students since I was a freshman."

The Young Alumni Tent Party was held on Friday night in the Bloomberg Courtyard. Alumni and students of legal drinking age were invited for food, music, dancing and drinks.

"I really enjoyed the tent party," junior Karen Badoura said. "I got to see a lot of alumni friends whom I wouldn't have seen otherwise, and it was a great atmosphere."

The Blue Jay Bull and Oyster Roast was also on Friday under a tent on Decker Quad. The Alumni Association served traditional Maryland seafood and beverages.

On Saturday, the Fresh Food Café (FFC) shut down to hold a tailgate on the Freshman Quad.

"It was nice to eat out of the FFC for once and enjoy the burgers," freshman Sterling Vitcov said.

Freshman Sydney Solomon agreed.

"The barbeque had so many great alternatives to the standard FFC fare," Solomon said. "It was so nice to be out in the sunshine enjoying the school camaraderie."

The Alumni Association and Bon Appétit jointly organized the barbeque.

"It was really cool that the University organized such an event," freshman Leander Eberhard said. "It was [a] really nice event and [was] good for school spirit."

Students received free sunglasses and other merchandise from Step Up, a student group dedicated to raising awareness of the effects of philanthropy on Homewood campus and thanking those who donate to the University.

"I liked the cool glasses and free swag," Cayon said.

The Alumni Association hosted the annual Hullabalooza on Saturday night on Decker Quad, where alumni had the chance to reconnect over dessert while listening to a live band.

Reunion class lunches, dinners and cocktail parties ended the weekend on Sunday. These events were held all over campus and in Baltimore for milestone classes — those that graduate in years ending in four

or nine.

"[Homecoming] was the only time I saw some really intense Hopkins spirit, so that was pretty cool," freshman Rodrigo Aguilar said. "It was also really cool seeing all the alumni."

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NEWS & FEATURES

College Dems and Republicans debate healthcare, minimum wage

DEBATE, FROM A1

In the first round of the debate, members of the College Republicans and the College Democrats went head-to-head on the topic of the Affordable Care Act's Contraception Mandate.

"I think that's something that's not always specifically debated," Carrie Resnick, co-president of the College Democrats, said. "We didn't want to just debate Obamacare; we wanted to be more specific, and this is something that college students would find interesting."

The College Republicans argued that forcing employers to pay for something that they might view as a sin impedes religious freedom, while the College Democrats stressed the importance of ensuring that all women have access to reproductive healthcare.

"Contraceptives impede execution of a woman's proper bodily function, [including] pregnancy," Samantha Martinez, a College Republicans member, said. "They serve the same roles as plastic surgeries. They are merely enhancements to life circumstances, rather than restoring what a body is supposed to do."

This comment drew a strong reaction from both the live audience and posters on the Facebook page.

"Her comment on contra-

ception improving women's bodies [and] comparing it to plastic surgery made me want to vomit," freshman Rebecca Van Voorhees said.

In the second round, the parties debated raising the minimum wage. The College Democrats focused on the social outcome of increasing the minimum wage.

"Raising the minimum wage is inherently fair — it would raise 900,000 people out of poverty ... According to studies, raising the min-

imum wage would have little to no effect on employment," Akshai Bhatnagar, co-president of the Hopkins Democrats said.

The Republicans dismissed this argument as idealism.

"The road to Hell is paved with good intentions, and I can think of no better example than raising the federal minimum wage," Clayton Hale of the College Republicans said.

They went on to say that, although raising the minimum wage would benefit some, it would steal wages from others.

"The real trade off in minimum wage is that if we raise the wage for some people, we are decreasing the livelihood of other people," Luke Kanter of the College Republicans said.

The final round of the debate, the cross-aisle round, was on the National



LEON SANTHAKUMAR/PHOTOGRAPHY EDITOR

Representatives from the College Democrats Akshai Bhatnagar and Cynthia Hadler debated whether the minimum wage should be raised.

Security Agency (NSA).

"This was actually my favorite part of the debate," Adler said. "The NSA's right to violate Americans' privacy has become such an extreme issue over the past year, and I like how the issue is not necessarily one-sided in each party."

Adler also commented on partisan politics in America.

"American society, especially in the past six years, has become so divided through our two-party system," Adler said. "Young people, especially college students, are becoming jaded with having such polarized parties. In the past six months, with

issues such as the crisis in Syria, Ukraine and our reformation of the NSA, that's been changing. I hope it continues to change [so] that, by the time our generation is in Congress, maybe there won't be such a strong two-party system."

Adler worked with fellow Charles St. News Co-President Agastya Mondal, as well as the presidents of the political groups, to ensure that the debate was fair to both parties. The topics were chosen by the presidents of the College Republicans and College Democrats.

"It took probably at least a month to figure out things we thought would be inter-

esting to the student body and that our clubs are interested in debating and that we didn't agree too closely on," Resnick said. "We all really worked together in making sure that even with the logistics, it wasn't just one club taking care of that."

While Adler said he was satisfied with Tuesday's event, he shared his ideas for improving the debate in the future.

"I think we did a pretty good job setting up a debate structure and getting members of the College Democrats and Republicans to speak about issues they truly feel passionate about, [but] in the future, my main goal will be to

try and get more students on campus involved in this event," Adler said.

Adler commended the debate for its bipartisan dialogue.

"It's truly one of the only annual events we hold on campus where students come together to debate these issues in front of a public audience. I really hope that we can get more students to be aware of these issues, and listen to some of the most popular opinions on them," Adler said.

College Republicans President Christine McEvoy, Vice President Andrew Guernsey and PR Manager Alan Flores all declined to be quoted in this article.

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FAS hosts KIVA.org co-founder



ELIZABETH CHEN/PHOTOGRAPHY EDITOR

Jessica Jackley, co-founder of KIVA.org, spoke Wednesday in Mudd Hall for the final FAS event of 2014.

ACKLEY, FROM A1

but hear stories of strength, dignity and hope, all of which was game-changing for me, flipped everything on its head for me," Jackley said.

KIVA.org has become an international success and a form of modern community engagement and outreach. Since its inception, the organization has loaned over \$500 million to borrowers in 206 countries.

From then on, Jackley found a concrete solution to her lifelong desire to help the global community in a proactive way.

"I had a nice long list of things that I did. I gave what I could, but emotionally I was tuning out, it wasn't always visible but I was kind of rolling up the window. I wasn't as open as I had been as a little kid to these stories of these people that I wanted to help and connect with," she said.

For Jackley, these insights about engaging with the community in a civic-minded yet proactive way led to the formation of KIVA.org.

In accordance with the FAS's spring series theme of "Confronting Global Dissonance: The Balance Be-

tween Realism and Idealism," Jackley suggested that the creation of KIVA.org allowed her to bring idealism and realism a bit closer to one another as her ideals about community outreach approached reality.

"I encountered somebody smiling, not frowning with flies on their eyes asking me for my money, someone who was really proud of their work and wanted to show me what they had done, their harvest coming up — when I encountered somebody like this, it changed how I felt. It was visceral," Jackley said.

Jackley spoke of one of her first times lending to a woman in Uganda. She asked the woman what she first purchased with the loan. When the woman responded that she had bought sugar for her tea, Jackley's initial reaction was one of shock and dismay.

"I thought 'No, why would you do that first?' but then I asked her why and she basically explained to me how when she had sugar in her home, not just put in her tea but to offer to guests, she was more confident inviting people in," Jackley said.

As a result of the small

purchase that, according to Jackley, seemed at first unnecessary and unrelated to entrepreneurship, the woman was able to grow her business.

"When she was inviting people in more, she had a different role in the community, she was more confident doing business and her business did well. She saw her self-esteem go up and believed in herself differently and it started with this — just sugar in her tea," Jackley said.

After discussing the inspiration for co-founding KIVA.org and its multifaceted impacts on the global community, Jackley spoke about her concept of entrepreneurship and what it means to succeed in business.

"This changed what I believed about poverty, changed what I believed about entrepreneurship. It made me realize that entrepreneurship itself didn't just have to be about the things I thought it had to be about, it wasn't just about Wall Street or greed. It could be about survival like a woman working to feed her family and lift them out of poverty," Jackley said.

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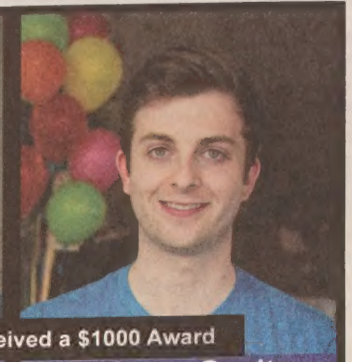
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Yasmine Holloway
Charles (Tim) Holt
Mimi Suhaila Ismail
Margaret Johnsen
Minhi Kang
Margaret Keener
Brittany Kmush

Rebecca Knowles
Naoko Kozuki
Sihui (Olivia) Li
Allaa Mageid
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Boston pride, twitter etiquette, nudity and the end of our youth

Boston Red Sox

RedSox · 7h

We're all on the same team. #BostonStrong pic.twitter.com/gPqkMEjH12

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Tuesday marked the one year anniversary of the Boston Marathon bombings, and all five Boston sports teams posted this Tweet in remembrance. #BostonStrong

The AV Club

TheAVClub · 4h

The Hogwarts School of Witchcraft & Wizardry is accepting students online avc.lu/1qEGZ2z pic.twitter.com/MluUzdoY9P

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Some geeks/seriously awesome people created online Hogwarts courses where you can pick your House, buy your books and — my personal favorite — write for *The Daily Mail*. #witchjournalism

Sarah

QueenDemetriax_

1h

@AmericanAir hello my name's Ibrahim and I'm from Afghanistan. I'm part of Al Qaida and on June 1st I'm gonna do something really big bye

American Airlines

@AmericanAir

Follow

@queendemetriax_ Sarah, we take these threats very seriously. Your IP address and details will be forwarded to security and the FBI.

10:43 AM - 13 Apr 2014

Rule #1 of Twitter etiquette: Maybe don't pretend that you're in Al Qaeda? Things got intense when this girl Tweeted about a possible terrorist attack and then freaked out when she realized the airline was taking it seriously. And now her Twitter account is disabled, so you can't even stalk her properly.

US Airways

USAirways · Apr 14

We apologize for an inappropriate image recently shared as a link in one of our responses. We've removed the tweet and are investigating.

Expand

Reply Retweet Favorite More

And onto our next airline related Tweet. Someone from U.S. Airlines Tweeted an extremely NSFL (not safe for *The News-Letter*) photo of a naked woman and a toy airplane and ... you get the idea. If y'all really want to look it up, it's on the Interwebs. Along with a few jokes about landing strips.

Rebecca Fishbein

bfishbfish · 1h

Ugh, I KNEW I was enjoying Fiber bars too much. RT @TIME Don't envy 20-somethings: turns out aging starts at 24 ti.me/1hRYXHI

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Apparently we all start aging at 24 so basically we all have like three years left of our youth, which is terrifying but even more so because an old Arts & Entertainment Editor tweeted this, which means that this will be me in a few years.

@rachel_witkin
Tweets of the Week

This weekly column features some of the top posts around the Twitter realm that deal with the week's top stories in sports, politics, pop culture and all things news.

The best albums of the first quarter of 2014

The first quarter of the year came with a slew of album releases, but these four undoubtedly stood out from the pack:

1. *Salad Days* by Mac De-marco
The Canadian musician, who mostly plays jazz-influenced jangle pop, followed up 2012's excellent album, 2, and extended play, *Rock and Roll Night Club*, with the equally excel-

lent *Salad Days*, released at the beginning of this month. While honing in on his sound and song-writing ability (featuring a more psychedelic feel), this album shows a more melancholic side of Mac as he deals with his new-found fame following the success of his two releases back in 2012. While the album lacks singles that really grab one's attention, like with "Ode To Viceroy" from 2, there is still a refreshing sense of nostalgia and yet something new in listening to this album. This is definitely one of his most cohesive releases to date.

2. *Piñata* by Freddie Gibbs and Madlib
Put simply, this is probably the best rap album to have come out so far this year. Even though Madlib, a producer with a repertoire as prodigious as J Dilla's, has already made what is considered to be one of the greatest collaborative hip-hop albums to be released in the past decade (2004's *Madvillainy* by Madvillain along with MF Doom; it got a 93 on Metacritic), this effort with Freddie Gibbs still makes an impact on its own. Naturally, Madlib doesn't disappoint with the beats, featuring an old-style, sample-based hip-hop sound with a modern feel. Freddie Gibbs shows off

3. *It's Album Time* by Todd Terje

The Norway-based disco producer and lover of the analog synthesizer finally compiled all of the singles released over the past few years, along with some new unreleased material, with his debut LP, *It's*

Album Time. This release captures one of the best disco revival sounds around. While the old singles (especially "Inspector Norse") are always great to listen to again, the new material still features a diverse collection of tracks, going from chill lounge music to high intensity progressive jams. While there aren't any stand-out tracks like "Get Lucky," there really doesn't need to be, as this album stands up well as a whole.

4. *Singles* by Future Islands

The Baltimore-based synth-pop trio returns after 2011's *On the Water* with *Singles*, Future Islands's fourth album. This LP features some of the group's best song-writing to date and a maturation of sound that has gotten better and better with each release. Frontman Samuel T. Herring is as emotional as ever, singing, belting and crooning with intense emotional energy (and physicality, especially evident when seeing them perform live). If you want to hear what 2014 has to offer in terms of new wave/post-punk inspired material, then definitely check out this album.

Honorable Mentions: *Present Tense* by Wild Beasts, *Benji* by Sun Kil Moon and *Divine Ecstasy* by Supreme Cuts.



COURTESY OF CHRIS ATTO VIA FLICKR
Todd Terje, a Norwegian-based disco producer, released a new album.

HIP HOP
BUT ALSO observations, rants, lists, thoughts, feelings, missed connections, haikus, confessions, furtive glances and, of course, sex.

Paulie Gee's Hampden: Coming Soon

There's pizza you eat with a fork and knife, pizza you guzzle down off oil-seeped paper plates, pizza you ravage when you're drunk and pizza you eat cold when you're hungover the morning after. There's horrible pizza, mediocre pizza, good pizza and cathartic, life-altering pizza. And in Baltimore, there's (soon to be) Paulie Gee's pizza.

Owner and pizzaiolo Paul Giannone, the man behind Greenpoint, Brooklyn's famous Paulie Gee's, is opening a location in Hampden with Baltimore local Pizzablogger (real name Kelly Beckham) this spring. Paulie Gee's Hampden restaurant was estimated to open in 2013, but after facing a few obstacles, it was forced to push its opening date into 2014.

In February 2013, the two custom-built, wood-fired Stefano Ferrara ovens (going for about \$25,000 each) were damaged on their voyage from Naples to Baltimore. Ferrara flew to Baltimore himself to repair the damage to the ovens. In May, the Hampden Community Council raised concerns about sufficient parking for the new restaurant. These setbacks, along with a few other kinks, further impacted the estimated opening date. Now well into spring and approaching summer, Paulie Gee's Hampden's website still reads, "A Hampden Pizza Joint. Coming Early 2014."

Kelly Beckham started Pizzablogger in April 2009, and in November 2012, he signed the lease on the building of former Hampden Republican Club, the location for Paulie Gee's Hampden. Although Giannone and Beckham are partners, Giannone said in an interview with *Slice* that Paulie Gee's Hampden is "Kelly's restaurant." His statement is probably

based on the fact that Beckham manages the construction, interactions with the Hampden communi-

ty and the bulk of the work that goes into opening a new restaurant.

The Hampden establishment will be the first franchise of Paulie Gee's, and the menu will be a combination of successful pizzas from the Greenpoint location and some

of Beckham's very own creations.

The menu on the website consists of salads and soups, Neapolitan-style pizza and vegan pizza and dessert. The pizza menu lists Paulie Gee's classics like the Greenpointer (fresh mozzarella, baby arugula, olive oil, fresh lemon juice and shaved Parmigiano Reggiano) alongside Beckham's pies, such as the Hampden Comes Alive (fresh mozzarella, Italian tomatoes, Pecorino Romano, olive oil, fresh basil, heirloom cherry tomatoes, Aleppo chiles and Calabrian chiles and oil).

Paulie Gee's made it to #19 on *Eater's* "The 38 Essential Pizzerias Across America" this past March and has made numerous best pizza lists on *Slice*. The computer programmer turned world-famous pizza craftsman didn't make his first pizza until 2007; however, Giannone's determination to create a delicious product, focusing on every element from the

flour to the oven, has made him one of the most eminent names in the pizza world today.

Giannone plans to expand his pizzerias to at least seven more cities. Like Paulie Gee's Hampden, Giannone plans to open up a pizzeria in each city with a local partner. Adam Kuban, the founder of *Slice*, is Giannone's first partner in the Paulie Gee's empire expansion and will be working on opening a space in Portland.

When it opens, Paulie Gee's Hampden will serve some of the best pizza in Baltimore. Although operating two giant, wood-fired ovens simultaneously to try and feed an anxious city will be difficult, if the pizza is as good as it is in Greenpoint, it will be worth it. With an oven made from clay from the Sorrento region of Italy, housemade cheeses and a meticulously tested dough recipe, Paulie Gee's Hampden will hopefully create its own delicious category of pizza.



COURTESY OF ADAM KUBAN VIA FLICKR
Paulie Gee's in Greenpoint serves many popular pizzas to Baltimoreans, including the Cherry Jones Pizza.

“Do I know you?” Tips for Networking

People ask, “Do I know you?” The real question is: Should I know you?

In the wake of Alumni Weekend, I think it's important for us to talk about networking. I've heard people say that it's not about what you know, but rather who you know. This seems to be a valid statement — although learning job skills is still VERY IMPORTANT. Don't make the mistake of going through four years of college stuck in the MSE or in Brody without getting to know anyone.

Connections can land you a job.

Connections can earn you more money. Connections can land you an internship. Connections can land you a research position. Connections can give you access to opportunities you would have never had before.

Lucky for you (and me) there are many tips out there for networking. Here are a couple:

1. Start small. You don't have to network with 15 people in one day — although I would start asking you for tips if you did. Start small and take your time. In most cases, quality is more important than quantity. So when it comes to choosing who to connect with, choose wisely.

2. Keep your initial method of contact simple.

There is no need to eyeball a person awkwardly for 30 minutes before approaching. Smile. Ask an engaging question. Listen. Get the business card. During your conversation, find a way to relate the person's field of work to something that interests you. Then, show that you would really benefit from his or her advice.

3. Be yourself, and tap into your passions.

Connect with people who are involved in your field of interest. If you are already passionate about the subject, then you will be able to have a more involved conversation with the person. Most importantly, relax, and be yourself. Well, be your professional self.

4. Attend the right events. So where are you go-

ing to find these awesome connections? The answer is everywhere, but there is a way to go about pinpointing exactly where. If your passion is engineering or medicine, then attend events where those topics are the focus. You can also keep your eye out for departmental events.

5. Be ready to answer questions.

This will be easy if you're talking about a topic that interests you. Even so, you may get tongue-tied, or someone may ask you a curveball question. Prepare yourself in advance by having your friends ask you questions. It also

pays to

have a safety answer like, “I'm not sure; however, I would love to learn more. Do you know of any resources I could use to learn more about this topic?” This type of

answer shows your willingness to learn and your ability to adapt to unknown situations.

6. Send follow up emails.

You really need to prove to this person that you are just as motivated about the topic of interest as he or she is. In your follow up email, be sure to thank the person for speaking with you. Mention something unique about his or her work that interests you. Show your willingness to learn more and then ask for a meeting, an introduction to anyone that the person thinks may be able to help you, a link to any job/internship openings, etc.

7. Get your rejection vaccine.

This is very important. You need to start immunizing yourself against the negative effects of hearing the word “no.” Don't give up hope just because one person may be a dead end. Stay focused, and try again. If you end up getting a lot of no's, try to re-evaluate your approach. If your approach is fair and valid, then look for different people to network with. In the end, all the no's you receive will only make your success story more interesting.

These are just a few tips to get you started in networking or to help fine tune your networking skills. Google is a great resource for more tips. Good luck!

Mani Keita Lumi de Lux

You need to start immunizing yourself against the negative effects of hearing the word “no.”

Carribean livin': six reasons why Carribeans are proud

There is no sense of pride like that of a Caribbean.

This is probably a little-known notion to most Hopkins students because there are probably about 12 and a half students in the whole University who identify as Caribbean. As someone who spent most of her life immersed in Caribbean culture as a Guyanese-American, however, I can say with authority that we are some pretty awesome people. In case you need some convincing, here are six reasons why Caribbeans are so proud of where they come from. Grab some coconut water, lean back in your beachside hammock, and enjoy the list:

1. The landscape.

We've all seen tourism commercials for various places in the Caribbean and — I can assure you — what you see is what you get. The white sand, blue skies and vibrant wildlife are all very real when you get to the Caribbean. Vacationing there is an amazing experience, so you can only imagine what it's like to live there. I mean, I have relatives who can walk out of their homes right onto the beach. Granted, I can walk out of my apartment onto the Beach, but it's not quite the same.

2. The music.

Bob Marley is probably the one Caribbean music artist that everyone knows, and rightfully so; the man practically changed lives. Still, there's so much more to Caribbean music than

the legendary reggae artist's moving lyrics. Listen to just 30 seconds of soca (the type of music that's typically played during Carnival in Trinidad and Tobago) and I guarantee that you won't be able to stop yourself from dancing in your seat.

And don't get me started on Jamaican dancehall — it seems like Jamaica produces a new (sometimes dangerous) dance move every year. Proceed with caution, however;

many people's necks are still recovering from the “Dutty Wine.”

3. The food.

If you take away anything from this article, it should be this: you have to try Caribbean food. Now, this is no easy feat. Just because two countries are Caribbean doesn't mean that they'll share the same cuisine. Even still, most Caribbean countries boast some combination of African, European, Indian, Chinese, Latin and Native American foods, since the area has long been a cultural melting pot. At the very least, you should try out Jamaican, Guyanese and Haitian restaurants just to get a feel for the various foods of the

Caribbean. (Not that I'm biased, but Guyanese food is probably going to be the best food you've ever eaten. Ever. Just saying.)

4. The people.

Not only is the food diverse in the Caribbean, but the people are as well — and they are gorgeous. Skin tones range from the deepest ebony to the fairest ivory. With the exotic fruits and vegetables that cover the countries of the Caribbean, organic diets are a given, and the benefit is clear from the healthy glow that emanates from the natives. The constantly shining sun definitely adds to this radiance — it's like everyone has naturally been retouched with the perfect Instagram filter.

5. Family.

In the Caribbean, everyone is family. It's not uncommon for someone from the Caribbean to spend most of his or her life thinking someone is related to them, only to find out that the person is just a friend of the family. That's because anyone who is your parent's age is known as your “Auntie” or “Uncle,” and

anyone who is your age somehow becomes your cousin. Moreover, Caribbean people are always taking others under their wings, caring for distant relatives whose immediate families don't have the means to support them, so the lines between families are constantly blurred. Sure, this complicates family trees a little bit, but there's nothing like being surrounded by people who you consider to be close relatives — regardless of their actual relation to you.

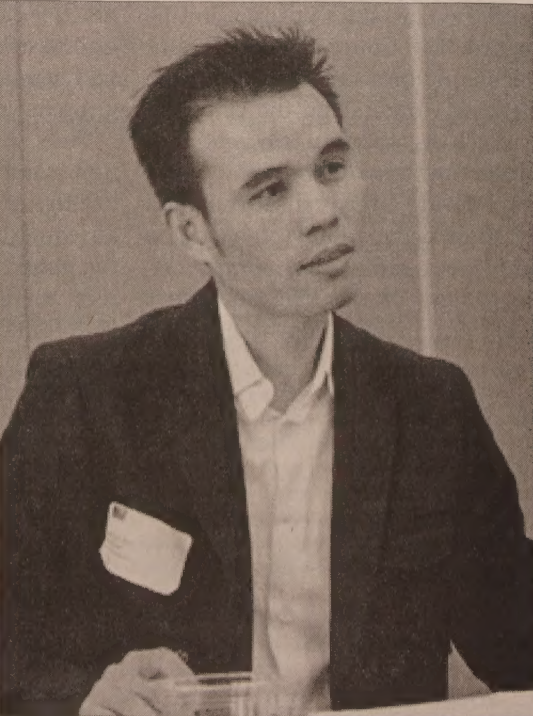
6. The mentality.

The true Caribbean operates based on a simple goal: to enjoy life. Caribbeans know that we only get one life to live, so we have to make the most of it. Many people from the Caribbean come from tough upbringings, but that's no excuse to live miserably. Every breath you take is a blessing, regardless of your personal or financial circumstances. The Caribbean mentality definitely focuses on celebration, but when you think about it, life is just one big party, isn't it?



COURTESY OF GRAND VELAS RIVIERA MAYA VIA FLICKR
The islands of the Carribean are home to a diverse array of flavorful cultural components.

Keryce Chelsi Henry Editor



COURTESY OF BPSUSF VIA FLICKR
Successful networking takes practice but is crucial for business success.

THE JOHNS HOPKINS

NEWS-LETTER

PUBLISHED SINCE 1896 BY THE STUDENTS OF THE JOHNS HOPKINS UNIVERSITY

Editorial

Road work promising despite hassles

With construction enveloping the east side of campus, students can often be seen remarking on the effects such construction has upon their common routes to and from class. While the fences erected around these construction areas can be quite inconvenient, the Editorial Board is nevertheless encouraged by the prospects of the final outcome of this Charles Street Reconstruction Project.

While this optimism is slightly blunted by delays in the project due to unforeseen communication lines and snowy weather conditions, we applaud the project's organizers for their efforts to complete this construction in as timely a manner as possible, and we encourage them to maintain this sentiment. Additionally, the Board is pleased with the school's concern for pedestrian safety. Throughout the process, crosswalks have been moved for this reason.

We're optimistic, too, that the last stages of the construction will be unobtrusive. If the month of Oc-

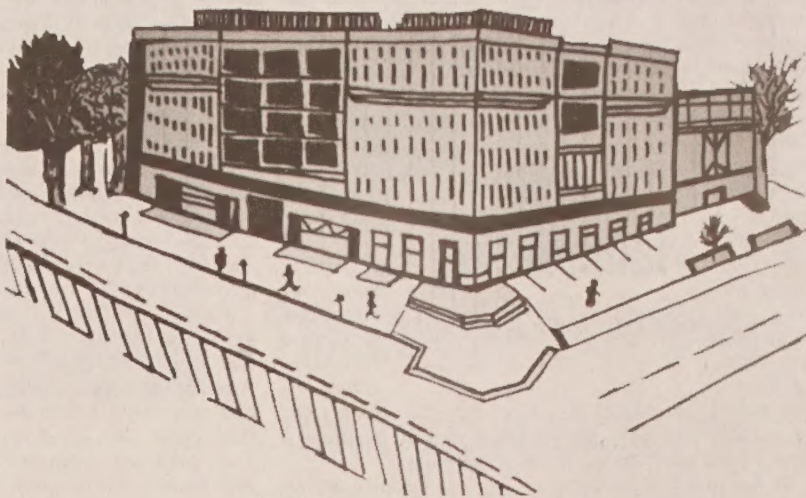
tober only sees the installation of signs, then hopefully Charles Street will have as few fences as possible. We additionally are excited to see the final project and hope that it brings a new character to the area.

The Board withholds judgment on whether the whole project is worth the hassle until it sees the final project, but it does see promise in the models released detailing the projected outcome of the construction.

Despite all of the efforts made by the project leaders, we do ask for more transparency throughout the process as various rumors have been circulating about the construction and its looming finish date being pushed back. With more information, students might feel less upset by the inconvenience.

As an aside, the Editorial Board cannot help but notice that the most recent changes to the construction have almost completely surrounded our office with fences. Any help that could be offered in this regard would be greatly appreciated.

Oscar Martinez-Yang



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The Johns Hopkins News-Letter welcomes letters to the editor. Letters must be e-mailed to chiefs@jhnewsletter.com for inclusion in a Thursday issue. All letters received become property of The News-Letter. The News-Letter reserves the right to edit for space, grammar and clarity. Letters must include contact information and cannot be anonymous. The News-Letter reserves the right to limit the number of letters printed.

Wage dispute should be public

On April 11, the Johns Hopkins Hospital's service workers ended their three-day-long strike for living wages. Seventy percent of Hospital employees are paid less than \$14.91 an hour, a rate that qualifies a family of four for food stamps. Bonnie Windsor, the Hospital's Vice President of Human Resources, has maintained that the Hospital will not publicize its wage bargaining process out of respect for the workers.

The Editorial Board disagrees with the Hospital's position in this regard. The Court of Public Opinion should be accessible to both the striking workers and the University. Such accessibility is essential to protecting the rights of the workers, who are already disadvantaged by their occupational standing as employees rather than employers. Regardless of the merit of either side's arguments, the workers have

every right to air their concerns publicly, and the University should be prepared to defend their position, which they stand behind so firmly. Hiding behind the veil of protecting workers' privacy, while simultaneously using this claim as cover to quiet the very same workers' grievances, is wrong.

The Editorial Board values transparency, particularly in situations like those at present, where one party is disadvantaged by muffling protests behind closed doors. This practice can, though not invariably, lead to an unbalanced relationship with employers suppressing the legitimate concerns of their workers.

Thus, the publicity of this debate is not inappropriate but rather healthy; it guarantees both parties an equal opportunity to persuade the public that their position is correct, thereby leveling the playing field for both sides.

THE JOHNS HOPKINS

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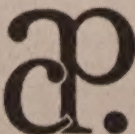
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The Gatehouse
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Mailing Address:	Main Phone Number:
Mattin Center Suite 210	(410) 516-6000
The Johns Hopkins University	Business/Advertising:
3400 North Charles Street	(443) 844-7913
Baltimore, MD 21218	E-mail: chiefs@jhnewsletter.com

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Crooked Wood:
(A COLUMN BY NIKA SABASTEANSKI)

Neo-neo-colonialism

Movies, television, music, fashion and the subtle Americanization of Europe

By NIKA DI LIBERTO SABASTEANSKI

The sun never sets on the British Empire” remained a true statement for centuries, mostly thanks to the use of brute force. Each conventional colonization since then has employed the same tactic. However, a new *modus operandi* has been adopted that is far more subtle yet permeates boundaries that canons and swords could only dream of. No representatives from the invading nation need even be present to ensure the efficacy of the agenda. In fact, the citizens of the colonizing nation tend to be entirely oblivious of the magnitude of the invasion, and those under the proverbial fire are either painfully aware or peacefully ignorant of the changes. This situation is not some faraway dream or unwritten Ray Bradbury novel — on the contrary, it is the reality today. After finally having the opportunity to really immerse myself in a number of different cultures (albeit all European), I have found that America has become the everyman’s culture. The most obvious indicator is the language. As English is currently the *lingua franca*, with no foreseeable end to its reign, most people in major cities speak either a smattering of English or are approaching fluency. They expect us as Americans to be monolingual, and we rarely disappoint. But the point here is not the experience of the American in Paris. Language is merely the first step of a rampant colonization process, creeping across the ocean in unorthodox vessels. I have spent a number of weeks now in a small town in northern Italy, and I cannot help but notice that the stores all sell — and the children all wear — t-shirts with American locations or phrases. My 11-year-old cousin wore a shirt that said “Yale University,” which he confessed he had never heard of. The other’s had a picture of a porcupine that made a pun with the word “hair”: a joke that you would only understand if

you spoke English, which they did not. Nonetheless, all of the children and many young adults sported, not American brands of clothes, but apparel with what felt like hollowed-out mantras about Los Angeles, New York... The list goes on. The television shows overseas also tend to be dubbed American sitcoms. I found myself watching a *Law and Order* re-run with Jack McCoy delivering his summation in German, while his lips moved to form English words. Listening to American music almost goes without saying, but again, many of the lyrics are lost on the listeners. Others sing along with poignantly American rap, folk or rock n’ roll songs without understanding their lyrics or cultural context. Of course, in the United States, we rarely have the inclination to delve into foreign cultures and understand their intricacies and pressure points. However, we are also quite open to admitting this ignorance. It seems that a great deal of Western Europe feels perfectly willing and eager to demonstrate their prowess in American culture. Whereas we tiptoe around criticisms of another country’s politics and would never deign to tell the Parisian where to go while in Paris, I have found that not many across the Atlantic share the same inhibitions. There is a preserved sense in America that a foreigner can never know the great cities of the world without having lived there for most of her life, without having suffered initiation at the hands of the natives. Yet many I have spoken with here in Europe are quite content to rattle off their insider’s knowledge about my hometown. To be fair, such knowledge is readily accessible in the countless movies and television shows set in New York, but nonetheless, it is odd to hear from someone who has never been to the city. “Here’s where you get the best bagels” is normally reserved for old-timers and the *New York Times*. So the world believes itself to be an expert on America, the behavior of its citizens and the

ambitions of its government. While it is quite uncomfortable as a traveler to encounter these notions, it is perhaps the first step in the subliminal, and often overt, new American colonization. Of course, no city has changed very dramatically at the hands of this agenda, but each has incorporated American culture to some degree — and for the most part, it has not been their choice. We force our chains and radio waves across the ocean, and no wonder many believe that they know the true America. I cannot tell if this result was intended or is merely a byproduct of the larger homogenization and dominance. It is not as if American culture is regarded with reverence, partly because it has been superficially foisted upon so many people and partly because the true America has not been successfully transplanted by our nouveau propaganda administration. I heard recently of a person who was teaching American culture to college students overseas through film and television. Truth be told, quite a lot of our cultural identity is derived from the programs that we watch as we grow. There is no argument that they did not shape us as Americans, but of course, we cannot be learned from those same episodes of *Friends* and *House*. And in a way, the soldiers of this newest form of colonization are movies and television, advertisements and newspapers. America is no more worthy of being understood than any other country. But because America has infiltrated the rest of the world through the cultural medium of Levi jeans and Taylor Swift, it has presented a half-understanding of itself that only be detrimental. This new colonization propagates many stereotypes, both deserved and undeserved. Nika di Liberto Sabasteanski is a sophomore neuroscience major from Brooklyn, N.Y. She is an Opinions Staff Writer for *The News-Letter*. Her column, *Crooked Wood*, discusses the overlap between philosophy and foreign affairs.

Private firms pursue profit, help economy and fight global poverty at the same time

By CHELSEA OLIVERA

Since 1990, nearly one billion people have been released from the chains of extreme poverty. The poverty rate among developing countries has fallen to 20.6 percent in 2010, from 43.1 percent in 1990. This remarkable achievement is being applauded around the globe as a major accomplishment for the governments and international agencies, which developed the Millennium Development Goals (MDGs) in 1990. The measures included in the MDGs have certainly contributed to the decreasing poverty rates, falling maternal and child mortality rates and improvements in healthcare and education in developing countries. However, research has shown that these trends are more directly correlated with the roles private firms have played in stimulating economic development in low income countries. Data supporting this idea could further incentivize American businesses to participate in fighting global poverty, which will in turn highly benefit the U.S. economy by providing domestic firms with overseas market opportunities. According to investment data compiled by the International Finance Corporation, the fastest growing economies since 1990 (with annual growth rates of over five percent) were also those with the highest levels of private investment. There was a weak correlation, however, between levels of public investment and rates of economic growth among developing countries. This trend highlights the growing importance of private enterprise in the fight against extreme poverty. U.S. firms are increasingly aware that their roles in stimulating economic development in low-income countries are critical for both financial success and ending extreme destitution. In June 2011, over 50 major American corporate leaders in the U.S. Global Leadership Coalition (USGLC) signed a letter urging Congress to support a strong International Affairs Budget to facilitate trade relations between U.S. businesses and developing

countries. Multinational corporations like Coca-Cola, Boeing, Google and Walmart explicitly stated that fostering relationships with developing countries was indispensable to U.S. private enterprise, as America’s fastest growing markets are located in developing countries. Private investments in developing countries also benefit the U.S. economy overall. Because U.S. economic growth is becoming increasingly intertwined in the global economy, over 20 percent of American jobs are directly linked to international trade. America’s fastest growing markets include developing countries such as China, Brazil and India, which receive almost half of all U.S. exports. Establishing markets overseas creates a global demand for American products and services, thereby stimulating the economy and creating domestic employment opportunities. Organizations such as the United Nations Development Programme (UNDP) are embracing American companies’ keen interests in emerging markets to assist in the fight against global poverty. Agencies like UNDP are successfully engaging the private sector in developing countries by creating innovative business strategies with both commercial and development objectives. The growing appeal of developing markets to American businesses has spurred massive development initiatives, which have helped bridge the gap between commercial investment and economic development. Based on the proliferation of American investments in developing countries over the last two decades and the increasing efforts of governments and international organizations in facilitating trade relations with low income countries, it is safe to assume that extreme global poverty will continue to abate. That this provides the U.S. economy with countless opportunities for growth is a nice perk. Chelsea Olivera is a sophomore double majoring in Political Science and History of Art from Miami, Fla.

Physician-assisted suicide should be legalized

By CARISSA ZUKOWSKI

What would you do if you only had a month to live?” This hypothetical question for most healthy individuals is the unfortunate reality for many terminally ill patients. Death is as inevitable for those who are healthy as a horse as it is for those battling incurable diseases; the only uncertainty in this matter is time. We do not know when we are going to die, but in the back of our minds, we know that at some point the blood will stop pumping through our veins, and the world will continue without us. Most of us view death as an unfortunate occurrence, a painful loss. This is certainly true in many and perhaps most instances. However, we sometimes forget that death can also mean the end of suffering or the ultimate source of closure. As complicated as death is, it is dichotomously simple. Because of its complicated consequences, physician-assisted suicide is a popular topic of debate in America’s changing health care policies. The American Medical Association (AMA) formally rejects the validity of physician-assisted suicide. However, it has already been legalized in four states. In appropriate times, physician-assisted suicide can serve as a solution, and it should be a legal and viable option for Americans. The AMA states their stance on physician-assisted suicide on

their website, claiming that it would cause too many complications. It writes, “Physician-assisted suicide is fundamentally incompatible with the physician’s role as a healer, would be difficult or impossible to control, and would pose serious societal risks. Instead of participating in assisted suicide, physicians must aggressively respond to the needs of patients at the end of life.” The AMA’s hesitant approach to physician-assisted suicide is understandable. Unfortunately, it is also egotistical and oversimplified. Why is it that the law categorizes death as so black and white? In truth it is much more of a gray area. Clearly murder should always remain illegal, as it carries the connotation that it was against the will of the victim; physician-assisted suicide would then be classified as something that the patient explicitly wanted and had lucidly expressed beforehand as a preferred option. Admittedly, it would be difficult, as the AMA worries. But any meaningful change starts with finding the courage to confront adversity and be willing to find a solution. Our healthcare system is based off of an infinite progress model, in which cures are perpetually sought after. We invest money and resources in expensive research, technology and end-of-life care. End-of-life care is extremely costly, to such an extent that a cap to end-of-life expenses has some-

times been proposed. This raises the conflicting suggestion that there can be a price tag assigned to the value of a life. This too, while morally and ethically challenging, directly confronts the reality of the high costs of care. Approximately 25 percent of Medicare costs are to treat five percent of Medicare users to cover end-of-life care. I am not suggesting that we shouldn’t spend money on end-of-life care, but in many instances, these costs are unnecessary. In some cases it is spent on surgeries that do not improve the quality of life of patients but only prolong their lives for a couple of months. From a humanistic perspective, how valuable are these few months of being hooked up to ventilators and IVs, if you are still going to die in the near future? The answer will of course be different for everyone, as it depends on the patient’s priorities at the end of life. This individualized factor challenges the AMA’s understanding of the obligations of a physician. As “healers,” physicians are obligated to more than just attending to their patient’s physical needs; if a patient does not want to fight for their life anymore, they certainly have the option to stop treatment. But under existing law, they then have to wait until their body gives out. Hospice care is designed to make this as comfortable as possible, but it is still painful for the patient and their

families and friends. To watch someone decline bit by bit every day is heart-breaking. Physician-assisted suicide could help expedite the inevitable and salvage the dignity of the patient. Physicians should not feel a responsibility to prolong a life if it is not compatible with the patient’s desires. Culturally, physician-assisted suicide suggests a doctor has given up on Patients should be given the option to... quickly escape their pain and face their future with dignity and closure The fact that the AMA uses the word “impossible” to describe a policy condoning physician-assisted suicide is naive and, frankly, disappointing. Physician-assisted suicide would be challenging to outline and put in a consistent practice, but it is by no means impossible. Doctors as healers should return to the practice of helping patients reach a healthy state. Health is not just physical; it is a condition of wellbeing in conjunction with mind and body. The Oregon

Death with Dignity Act, passed in 1994, includes specific requirements and safeguards to physician-assisted suicide. Some of the regulations are that the patient must be of sound mind when they ask for a prescription for a lethal dose of medicine, two doctors must sign off on the diagnosis stating that the patient has less than six months to live, there must be two witnesses to confirm the patient’s request (one must be a non-doctor and unrelated to the patient) and finally, the patient must make a second request at least 15 days after making the first. These requirements help to ensure that it is what the patient really wants. Who should deny this dying patient their last wish? Not everyone wants to die rather than face the natural course of their illnesses, but not everyone wants to live through them either. Patients should be given the option to take a lethal dose of medication, quickly escape their pain and face their future with dignity and closure, and the government should support this as a viable option. No physician has to sign off on the papers if they are not comfortable, and no patient should ever be coerced into it. But it should be available to any individual. Carissa Zukowski is a freshman majoring in Public Health Studies and Art History. She is from Baltimore, Md, and is an Opinion Staff Writer for *The News-Letter*.



SPRING IS IN THE AIR.

SPRING IN YOUR STEP ISN'T ALL YOU NEED TO CROSS THE STREET.

You're young and smart, with the world at your feet. Your classes are going well, and your social life is up and running. You've got some hard-earned pep in your step. It's great to be mindful of all you've got going for you, but a busy intersection is no place to have your head in the clouds. When the rubber meets the road, remember to curb all that walking on sunshine so you can concentrate on what's going on in the crosswalk.

Exercise your street smarts.

BE A  ROAD SCHOLAR

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APRIL 17, 2014



Lacrosse wins Homecoming game



By Brett Brodsky
Photography Editor



YOUR WEEKEND MARCH 27-30

Take advantage of the sun

By SALLY HWANG
Your Weekend Editor

Despite the depressing bout of sleet/snow we experienced on Tuesday night and the unacceptably cold temperature on Wednesday, it seems that spring has finally arrived in Baltimore, which means it's time for spring activities.

Of course, there's always the very "college" activity of simply hanging out on the Beach. I will admit that as a native Californian, I've never thought that our school's nickname for literally just a giant hill of grass was appropriate or even made any sense. But I've come to appreciate the Beach for its casual, social atmosphere and as a great place (possibly the only place) to get some sun on campus.

The perfect Beach set up is different for everyone, but the essentials seem to include the following: some sort of blanket to sit on without feeling the itchy grass, a cold beverage of sorts (often of the alcoholic variety) and good company. Ideally, it's

sunny and not too windy with lots of attractive shirtless dudes playing Frisbee or girls with short summer dresses in sight.

If sitting on the Beach sounds like a little too lazy for you, take the opportunity to play some outdoor sports. The tennis courts sit forgotten in the cold behind the AMRs all winter, but now is the perfect time to bust out your rackets.

If you don't have any friends who play, or if you're like me and have friends who are too good at tennis to play with you, Frisbee is a great alternative. Probably the most stereotypically "college" outdoor activity (does anyone even play Frisbee outside of college?), tossing a Frisbee can be a lot of fun. Also, there's very little skill involved so you won't have to worry about people being too good or bad at Frisbee.

The warm weather also means you won't have to stay in the Commons gym, staring through the windows while on the treadmill out at horrible weather or, if you don't live in a building without

a gym, not having to make the freezing uphill trek to the Rec Center. It's warm enough now to try running the Campus Loop.

The Campus Loop is generally known as the picturesque running path that goes all the way around campus. It starts on North Charles, around where the Beach is, goes down Art Museum Drive unto Wyman Park Drive, down San Martin Drive and finally down University Parkway back onto North Charles.

The run is about two and a half miles all the way around and moderately bumpy on San Martin Drive. Now that the trees are blossoming, and it's a reasonable temperature to be outside for more than 10 minutes, running or walking the Campus Loop could be quite relaxing.

There are a lot of ways to truly enjoy sunny days outside, especially with those funky-colored lawn chairs that are everywhere. Hopefully, you take more advantage of the weather than just shifting your usual spot in the library to the sunny atrium.



COURTESY OF JESS B. VIA FLICKR

Akbar Restaurant serves curry dishes in metal pans placed over a small lit candle to keep it warm.

Spicy eatery in Mount Vernon delights, surprises taste buds

By SOOEAN CHIN
Your Weekend Columnist

Tucked away in Mount Vernon, Akbar provided the perfect, authentic Indian cuisine retreat for my taste buds, which have been experimental as of late. Akbar has been standing as one of Baltimore's exemplary Indian restaurants for over 30 years, but I only recently discovered it when one of my friends treated me to dinner.

At first I passed right by the restaurant because it is essentially crammed into the basement of a building and looks highly unassuming from the outside.

Immediately after I entered the restaurant, I was met with genuinely friendly service in the appealing but admittedly small room full of both chatter and overpowering smells of Indian spices and sauces.

With its exposed brick walls, slightly dim lighting and warm cocoon-like interior, Akbar is ethnically atmospheric.

However, if you are in search for a quiet place for an intimate eating experience, I would recommend visiting at an abnormal dinner time since the place frequently gets crowded due to limited space.

We started off the meal by ordering an aam ki lassi, which is a whipped mango and yogurt drink that has a sweet, refreshing taste and a rather creamy texture. The drinks were brought with complementary thin, dried chips with three different types of sauces that were available for refill.

Since I am not well-versed in Indian cuisine yet, my friend ordered for us. We got the chicken tikka masala and the chicken tandoori along with garlic naan.

The chicken tikka masala is comprised of boneless chicken pieces dipped in a creamy, butter sauce with spices that you can eat with rice. I have tried the dish before, and although the dish wasn't comparatively

heavenly, it was still delicious. I would definitely recommend it to the average grubber, particularly first-timers with Indian food.

The tandoori chicken is delicious chicken marinated in yogurt, spices, herbs and barbecued in a tandoor oven. According to my friend, it was the best tandoori he had ever tasted, and I would recommend this delectable dish to any of my friends as well.

My friend and I had only had a small sample of their long menu. Akbar offers a variety of other Indian dishes including tofu jalfrezi, saag palak and kheer just to name a few.

The food is generously served at an affordable price, and if you are in the mood for Indian, the trip via the JHMI or a cab is definitely worth it. If the trip is deterring you, or you just want to grub at home, Akbar has a take-out service and delivery for certain popular dishes readily available.



COURTESY OF IRACAZ VIA FLICKR

Students enjoy a sunny day while lounging on the grassy hill we so loving have dubbed "The Beach."

Noteworthy Events



THE GATHERING VIA FACEBOOK

Hungry attendees of The Gathering browse the many food trucks.

The Gathering: Food Truck Rally

5 p.m. - 10 p.m.

Friday April 18 - Friday October 10
Baltimore Museum of Industry

Food trucks are the ideal college food source because they're cheap and delicious. If you enjoy the few that occasionally stop by at Hopkins, you might enjoy exploring all of Baltimore's food truck selections at The Gathering. The price for admission is \$3 for general public and \$2 for students, seniors and the military, with all-you-can-drink tickets available for \$20. Vendors are listed on the website along with item recommendations for each truck. Food categories range from tacos, Brazilian street food, BBQ, cupcakes, traditional Polish meats and etc.

The 11th Annual Baltimore Green Week

9 a.m. - 4 p.m.

Friday April 18 - Saturday April 26
Downtown Baltimore

Sponsored by the Baltimore City Department of Parks and Recreation, Whole Foods and Honest Tea, Baltimore's 11th Annual Green Week will kick off this Friday. The week schedule will include a series of events aimed at teaching and encouraging Baltimoreans to take better care of the environment. It will culminate in EcoFest on the 26th, an all day event filled with live music, food, guided nature hikes, bike rides around the reservoir, scavenger hunts and free workshops on staying green. Come out and learn how to stay green in Charm City!



BALTIMORE GREEN WORKS VIA FACEBOOK

Baltimore Green Week aims to encourage staying green in the city.



HOTNEWHIPHOP.COM

Rapper French Montana (left); Jaywalk & JOSH Spring Dance (right)



JUST DANCE! VIA FACEBOOK



ASKMISSA.COM

The Color Run (left); Zedicus + Abyssinia Roots perform on stage (right)



ZEDICUS.COM

Calendar

4/17 Hip-Hop Conference featuring French Montana, Ty Dolla \$ign (The Filmore Silver Spring)

4/18 The All Nighters A Capella Spring Concert (Bloomberg Hall, Schafner Auditorium)

Jaywalk & JOSH Spring Dance Concert (Shriver Hall)

4/19 Throat Culture Sketch Comedy Show (Arellano Theater)

The Color Run (between Oriole Park and M&T Bank Stadium)

4/20 420 ReggaeFest: Zedicus + Abyssinia Roots, Machet, Anjahla, Footwerk (The Filmore Silver Spring)

ARTS & ENTERTAINMENT

Dedicated rehearsal pays off for The Sirens

By SHERRY KIM
Staff Writer

On April 11, the auditorium in Mudd Hall overflowed with the beautifully melodic voices of the JHU Sirens, as the a cappella group put on an amazing night's performance.

Its spring concert's theme revolved around superheroes, and the ladies made an attempt to demonstrate to the audience their ability to fight crime with their powerful voices. All clad in black dresses, these ladies swept the audience off its feet with their sarcastic humor, harmonies and show of endearing friendships.

The concert also featured performances by Vocal Minority, an all-male a cappella group from Villanova University. The group performed three songs in total: "Stacey's Mom," "Hall of Fame" and "All These Things That I've Done."

The set list of songs performed by the Sirens included "I Really Want It," a "Stay"/"Say Some-

thing" mashup, a "Don't Stop Believing"/"Edge of Glory" mashup, "Counting Stars," "Somebody to Love," "Brave," "Fire and Rain," a Beatles medley and, last but not least, "Yeah!" as the encore song.

As an entirely student-run group, Sirens members arranged and performed all of the songs themselves. It was clear that they had put in tireless hours of practice into perfecting the night's performance because they did an amazing job with each and every single song.

All of the songs, despite being covers, brought something unique to the performance and captivated the audience with their emotion. This was especially true for the Senior Send-Offs.

The spring concert was particularly important, as well as emotional, because the Sirens were saying goodbye to some of their senior members. The Senior Send-Off ceremony was dedicated to Angela Dunay, president; Mary

SEE SIRENS, PAGE B5

Hopkins Robotics Club creates a musical staircase

By AUBREY ALMANZA
Arts and Entertainment Editor

The Hopkins Robotics Club recently transformed a campus staircase into an octave of piano keys. In only five hours, a group of Robotics Club members wired the Hackerman Hall staircase with a scale from low C to high C. Now, students and faculty unwittingly play music commuting to and from class.

In addition to serving as an entertaining and uplifting presence in Hackerman Hall, the staircase creation also seeks to raise club awareness.

Founded in 2009, The Hopkins Robotics Club boasts approximately 100 members with varying fields of interests. Regardless of major, the club welcomes anyone with a passion for design and robotics.

In an email with *The News-Letter*, sophomore Jordan Matelsky explained the decision to bring music to Hackerman Hall using robotics. The computer science major wrote the invention's code alongside fellow group member, Michael Lombardo.

N-L: Why did you choose the sound of piano keys?

JM: The sound of the keys was mostly a knee-jerk decision. We needed something nice-sounding enough that people wouldn't mind listening to some dissonance, so we picked a piano. Imagine a crowd walking down the stairs — it's like someone sliding their hand down a keyboard.

The piano sound wasn't actually the first 'voice' we tried; we had a techy synthesizer voice in the beginning, as well. I adjusted the source code to play a minor scale instead of the existing major scale, and I was able to bang out some Daft Punk tunes.

It was neat, and also almost entirely unrecognizable as Daft Punk without the thumping bass. It



COURTESY OF LEN TURNER

A group of Hopkins Robotics Club members attached sensors to a campus staircase to create piano keys.

was still pretty awesome, though.

We also had a configuration to play a pentatonic scale so that multiple people standing on consecutive notes would still produce a pleasing sound. Ultimately we wound up scrapping it in favor of being able to play more common music, but it was an exciting exercise in the flexibility of the technology.

N-L: In *The Hub* video feature, you're shown playing various songs using the keys as notes. Do you hope other students will attempt to create melodies using the stairs?

JM: I don't think you can help it! It's addictive, trying to create music with such significant restrictions. I stepped on the first step, and I thought, "I wonder if I can play this..." and I was hooked. It struck me as a really novel instrument right away.

From a musical standpoint, it's like playing a

very restrictive instrument; you only have one octave, and you can't easily get from one note to another distant note without some serious leg-strength which I quite certainly lack. But that makes it all the more fun, because you start thinking, "wait, I could play some Beethoven on this thing!" You can get surprisingly far into Tchaikovsky's 1st Piano Concerto before you start missing important notes.

N-L: In addition to raising awareness about the Robotics Club, are there any artistic aims underlying your creation?

JM: I don't think we necessarily had any specific artistic intentions in mind going into this, but if there's something to be

learned, it's that the true art is in the synthesis. The finished product is exciting, but the actual building process is really something amazing. The JHU Robotics Club has this great innovative atmosphere, and it's a real treat to be there as ideas become reality.

N-L: Can students expect to find other robotic music installations on campus in the future?

JM: You might say that... I couldn't possibly comment.

According to Matelsky, The Hopkins Robotics Club "wouldn't be looking for new members if we didn't have something exciting planned." Keep an eye out for this talented bunch's upcoming endeavors.



COURTESY OF CAMILLE TAMBUNTING

The theme of The Sirens' spring concert in Mudd Hall was superheroes.

Carrie simply mirrors predecessor without developing

Being bad is not the worst fate to befall a movie. Certainly, it can be a highly detrimental factor; after all, people are far more likely to be attracted to good films, causing bad movies to receive poor press and poor box office results. Even so, there can be a certain charm to a bad film; hammy acting, poor writing, laughable dialogue, ridiculous special effects and the like all serve to make bad films at least ironically entertaining, if lacking in quality. Barring that, genuinely awful films deserve credit for eliciting some form of emotion from audiences, even if it is negative.

Then there are films which, for all intents and purposes, have no reason to exist. They do nothing, achieve nothing and make audiences feel nothing. If this sounds like a more boring experience than watching a bad movie, it is. It is also the unfortunate fate to befall *Carrie*, the recent remake of Stephen King's classic horror story.

The plot is relatively straightforward. Chloë Grace Moretz, best known for her role as Hit-Girl in *Kick-Ass*, plays Carrie White, a shy, unassuming girl living under the thumb

of a psychotic mother. A frequent target of intense bullying both at school and at home, the dangerously quiet Carrie soon discovers that she possesses telekinetic abilities triggered by extreme emotional distress. After a horrifically cruel prank at her senior prom pushes her over the edge, Carrie sets out on a murderous rampage, psychically slaughtering all those who have bullied her in the past.

On paper, the film has all the right set pieces for a good horror film. It has a de-

cent, if tried-and-true story. The characters, while flat, all have their own distinct personalities, which is always a bonus. However, the film is crippled by one factor that

Tim Freborg: Flashframe Film Reviews

it simply cannot overcome: This film already exists. It was made in 1976, at a time

where the tropes it derives its plot from were still fresh and new.

What's worse, the original *Carrie* film is hailed as a landmark in the horror film genre. Inevitably, comparisons will be made with the original, and as such comparisons are made, it becomes clear that this remake contributes absolutely nothing new or valuable to the *Carrie* name.

One cannot overstate the sheer difficulty in remaking classic films, for it

SEE CARRIE, PAGE B4



IMCARCADE.COM

Although the most recent adaptation of *Carrie* contains good acting, fear takes a backseat to sheer disgust.

Chet Faker releases album *Built on Glass*

By CHACONNE
MARTIN-BERKOWICZ
Staff Writer

Nicholas James Murphy, better known by his stage name, Chet Faker, released his second album, *Built on Glass*, this past week.

Known for his smooth electronic sound, the artist from Melbourne, Australia has quickly garnered success. In October of 2012 he won 'Breakthrough Artist of the Year,' and his debut album, *Thinking in Textures*, won 'Best Independent Single/EP' at the Australian Independent Records Awards. Last January, he also won 'Best Independent Release' at the Rolling Stone Australia Awards for 2012.

Chet Faker is clearly a talented emerging artist, and his latest album proves that he has much to offer and an ability not only to produce catchy beats especially popular in today's pop culture, but also to evoke his thoughts with emotionally acute lyrics.

The synthesis of his instrumentation and poetry result in a strong lyricism that evokes Chet Faker's desires, grievances and delights in their most bare form.

While fans of James Blake, Milosh and Mount Kimbie will appreciate Chet Faker's music for its

laid back, cool and sultry sound, artists that are not of the electronic genre also influence his music. In fact, Murphy based his stage name, Chet Faker, from Chet Baker, a well-known American jazz musician popular in the 1950s.

"I listened to a lot of jazz and I was a big fan of Chet Baker and the way he sang, when he moved into mainstream singing. He had this really fragile vocal style — this really, broken, close-up and intimate style. The name is kind of just an ode to Chet Baker and the mood of music he used to play — something I would like to at least attempt to play homage to in my own music," Chet Faker explained in *Interview* magazine.

Chet Faker's style is versatile and refuses to fit itself into one genre. While on iTunes it may be labeled as electronic, it is also infused with jazz and blues rhythms.

Thus, it seems gratuitous to categorize his music under only one division when he implies that his music has been influenced by many musical sources.

Murphy's upbringing may be closely related to this.

In the same *Interview* magazine interview he describes some of his earliest influences

SEE CHET FAKER, PAGE B4

ARTS & ENTERTAINMENT

Annual music festivals attract college crowd

By AMANDA AUBLE
Staff Writer

The 15th annual Coachella Valley Music and Arts Festival, held April 11-13 at the Empire Polo Club in Indio, Calif., kicked off the 2014 music festival season as one of the many must-see venues across the country this year.

Channeling the spirit of the 1969 Woodstock Festival while presenting the music styles of today, like electronic dance music, hip-hop, rap, alternative and indie, music festivals offer fans the chance to see some of their favorite artists all in one place. The eclectic lineups also allow fans to follow a few up-and-coming acts.

These outdoor concerts usually sell passes spanning three or four days, as well as single-day tickets and offer various camping packages for fans to stay overnight.

Along with unique musical performances, festivals also provide guests with other forms of entertainment like art galleries, food stations, beer gardens, rides and shopping.

This year, Coachella featured a strong lineup with headliners Outkast, Muse and Arcade Fire. The venue offered several celebrity sightings due to its location two hours outside Los Angeles. From Leonardo DiCaprio and Jared Leto to Kendall Jenner and Selena Gomez, stars joined the ranks of the 90,000 Coachella attendees.

Coachella completed its first weekend and will resume performances Friday to Sunday.

A few other festivals have already made their mark this season. South by South West (SXSW), one of the largest festivals of its

kind, took place March 11-16 in Austin, Texas. SXSW not only featured musical performances, but also numerous interactive speakers and its own film festival.

Another venue that occurred earlier this spring was Miami's Ultra Music Festival held March 28-30. Ultra is the nation's most famous festival for electronic dance music with headlining DJs like Afrojack, Avicii, David Guetta and Zedd.

No matter where in the U.S., music fans find themselves this spring and summer, festivals will be setting up and selling tickets across the country.

Held April 25-27, CounterPoint, located in Kingston Downs, Ga., boasts acts like Outkast, J. Cole, Krewella, Pretty Lights and Janelle Monae. CounterPoint also promises to provide art installations to enhance guests' visual experience.

Next up this spring, Beale Street Music Festival debuts May 2 in Memphis, Tenn., featuring an assorted lineup of Kid Rock, Alabama Shakes, Foster the People, Joan Jett & the Blackhearts, Jerry Lee Lewis and Fitz & the Tantrums. Started in 1977, this three-day festival is also accompanied by the World Championship Barbecue Cooking Contest, which is nicknamed the "Super Bowl of Swine."

Sasquatch! Festival takes place May 23-25 in Gorge, Wash. with acts like Outkast, The National, Queens of the Stone Age, M.I.A., Cage the Elephant and Chance the Rapper. Although Sasquatch! recently canceled its second weekend of shows, guests can still look forward to the collection of indie music during the first weekend in a location that won *Pollstar Magazine's* award for "Best



COURTESY OF AUBREY ALMANZA
Coachella Music Festival raised the bar with its 2014 headliners.

Outdoor Music" nine times.

From June 6-8, New York holds the Governors Ball Music Festival in Randall's Island Park. Not only does this festival feature Outkast, Jack White, Vampire Weekend, The Strokes, Broken Bells and Bastille, but other activities include yard games, art installations and photo and GIF booths, where guests can take pictures and have them animated.

Bonnaroo, held June 12-15 in Manchester, Tenn., was named one of *Rolling Stone's* "50 Moments that Changed Rock and Roll." After 12 years, Bonnaroo still consistently provides a strong and diverse lineup. This year, acts like Elton John, Kanye West, Lionel Richie, Arctic Monkeys, Wiz Khalifa and Slightly Stoopid will make appearances.

The numerous activities available include the Bonnaroo Comedy Theatre, Bonnaroo Cinema, a Food Truck Oasis, yoga classes and Splash-a-Roo, a 35-foot waterslide.

Bonnaroo is also fa-

mous for its environmental activism as it includes Planet Roo, an area where nonprofit organizations set up stations and provide speakers to promote healthy lifestyles. There is also the Clean Vibes Trading Post, a recycling station, and the 100 percent waste-free Planet Roo Café.

Stopping in locations throughout North America, the Vans Warped Tour begins June 14 and spans till August 3. Now in its 20th year, highlights include Of Mice and Men, 3OH!3, The Devil Wears Prada and All Time Low.

Started in 2012, Firefly Music Festival, taking place June 19-22 in Dover, Del., is a fairly new addition to the festival circuit. However, with consistently strong lineups and the scenic Dover Woodlands location, Firefly maintains high guest satisfaction. This year, Firefly's acts include Jack Johnson, Outkast, Foo Fighters, Imagine Dragons, Weezer, Young the Giant and Beck.

Started in 1991, Lollapalooza is held August 1-3 in Chicago. Eminem, Outkast, Kings of Leon, Lorde, Skrillex and Calvin Harris are among the many acts performing. Fans also get to experience Chow Town, a festival of food, drinks and sweets from some of Chicago's best restaurants, and the Lolla Farmers Market.

Finally, TomorrowWorld, the American spin-off of Belgium's famous TomorrowLand festival, is held the weekend of September 26-28 in Chattahoochee Hills, Ga. Now in its second year in the U.S., this festival highlights electronic dance music from Afroki, Armin van Buuren and Tiësto as well as the unique "DreamVille" campground.

This festival season, one act that is not to be missed is Outkast. Currently scheduled to headline over 16 festivals in the United States and abroad, Antwan "Big Boi" Patton and André "3000" Benjamin have reunited for the rap duo's 20th anniversary.

Coachella marked the group's first performance together in 10 years; however, guests reacted with an indifferent and awkward response, according to some viewers like Frankie Kelley, an editor for NPR Music.

Supporters of Outkast account technical difficulties and the duo's long absence from performances for the disappointing show. Fans are hopeful that Outkast will smooth out the kinks as tours continue.

As festivals grow popular among college-aged crowds, some students are planning make their way outdoors this summer.

"Bonnaroo is great," freshman Meghan Killea said. "The people are friendly, it's always the best lineup, plus you're in the middle of nowhere so nothing matters. It's hot and gross, but embrace it and forget about sleeping."

Stick to the original Carrie for decent horror

CARRIE, FROM B3

requires a certain balance. On one hand, it has to deviate somewhat from the source material; the entire point, after all, is to tell the story in a different manner, which must inevitably lead to some changes. On the other hand, it must also remain faithful to that which it is based upon, capturing the same spirit so as to convey the overall tone properly.

This remake of *Carrie* almost entirely abandons the former in favor of the latter, staying so true to the original film that one has to wonder what the purpose of remaking the film was in the first place. Even worse, the film actually does worse than its predecessor at achieving the exact same goal.

Despite being a horror film and being filled with death scenes, torture, jump scares and enough fake blood to fill most aquariums, the scariness of this film is surprisingly, for lack of a better term, dead. No scene is truly frightening. The disturbing imagery is more likely to make audiences' skin crawl in disgust, rather than fear, which should never be the aim in a film like this. The jump scares don't frighten, causing many of them to die without eliciting so much as a flinch. Many of the scenes play out more akin to scenes in a supernatural drama than a true horror story.

Granted, within these dramatic scenes, we are given remarkable insight, which is both explicit and implicit, into the minds of the characters. These quieter, more dramatic scenes do allow some of the acting talent in this film to shine through; it is worth being noted that there are

no truly bad performances here. Moretz's portrayal of Carrie is both very sympathetic and unforgiving, allowing audiences to both connect with the pain and tragedy of the character while simultaneously reminding them that she is a mentally unstable killer.

Julianne Moore, who plays Carrie's insane mother, gives such an over-the-top performance that while the character comes off as completely evil and ridiculous, she is at least interesting. The real weakness in the cast is arguably the group of bullies led by Portia Doubleday, who plays Chris Hargensen, all of whom are cruel for the sake of being cruel. While arguably an apt depiction of true bullying, these characters are given no motivation and no character flavor to their cruelty, and end up falling flat as one-note villains.

There is not much else to say about *Carrie*. Its special effects are passable, but nothing groundbreaking, and what little music its soundtrack has will be forgotten by the time audiences take out the DVD.

In the weeks leading up to the film's release, there was a prank video trending on YouTube, meant to be an advertisement for this movie. Using hooks, tracks and remote-controlled mobile furniture, a coffee shop staged a fake incident with a telekinetic girl tearing the shop apart after a stranger spills coffee on her. That advertisement, clocking in at barely three minutes long, is more entertaining and fulfilling than the 90-minute film it advertises. Watch that instead, and let this re-imagining fall into obscurity.

Overall rating: 2/5



COURTESY OF IMGARCADE.COM
The latest *Carrie* does not deserve the name and should be disregarded.

Faker inspired by his parents' diverse taste

CHET FAKER, FROM B3

"I was lucky, my parents had really different tastes in music," Faker told *Inter-view*. "My mum was listening to a lot of Motown. I think the most played record in our house was the Big Chill Soundtrack — so Smokey Robinson, Aretha Franklin, the Temptations, Otis Redding. I think that's where I got my love for a good hook, a good soul hook — really smooth and warm and from the heart."

"And then my dad would listen to the chilled out Ibiza CDs; all that super down tempo female vocal kind of stuff," Faker said. "It's like my parents' musical tastes are the mother and father of my music. It's their fault for making me so emotional and in tune with my emotions!"

Faker implies that he is an emotional musician. In his song, "Melt," his deep and slightly rugged voice sings about the tribulations of loving someone playing hard to get:

"You gotta move and your body is the shape I want / And everything you say is on fire / You've

got the easiest position to destroy my life / All you have to do is arrive."

While the lyrics may read exaggeratedly when unaccompanied by music, Faker is careful not to become melodramatic. In "Melt," he is accompanied by Kilo Kish, who sings from the pursued girl's perspective:

"I need a bit of coffee and a warm sun, dusty ideas only half spun / The verse I'm singing only half sung / Half flirting and I'm half sprung."

The playful rhyme of these lyrics and Faker's smooth, seductive voice bring a lightheartedness to the track without which the song may begin to sound whiny. In his other tracks, Faker, too, maintains a nonchalant yet sensitive air, making his songs relatable and satisfying to listen to.

Faker recently performed at his first music festival this March at SXSW and is currently touring abroad.

Hopkins fans can check Faker out in Washington, D.C., where he is scheduled to play at the U Street Music Hall on May 15.

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ARTS & ENTERTAINMENT

The nation's natural beauty shines at The Walters

Senior Sirens say an emotional goodbye

By ALLI GRECO
Arts and Entertainment Editor

Upon first encountering the Walters Art Museum's *Chamber of Wonders*, it is as if a bomb exploded... but in a good way.

Covering seemingly every nook, cranny, shelf and cabinet inside the medium-sized room are objects from nature that would have been part of a European *kunstkammer* of the 16th or 17th century.

To the untrained eye, the scene is quite overwhelming. Everything from mammal skulls and Mayan statues to animal skins and heads adorns every surface, just waiting to be noticed and soaked up by the first viewer. The *Chamber of Wonders* is certainly a room meant for flamboyant display and admiration, just like the *Kunstkammer*.

Why, exactly, were these objects so appealing to collectors of the era? Why were they chosen, in particular, for antiquities collectors to show off to their friends, and why did the Walters choose to include them in its modern exhibit? Put simply, the answer lies in wonder and what collectors considered "valuable" at the time.

Since collectors at the time were only fascinated by the raw materials of ancient art and sought to lavishly and publicly display the exotic, rare and strangely beautiful, the objects in the *Chamber of Wonders* is true to the current understanding of *Kunstkammer*.

Certain sections of the *Chamber of Wonders* indi-

cate that early collectors in Europe were concerned only with the raw materials of American objects, not necessarily the objects in their entirety. Two big, stately cabinets within in the *Chamber* come to mind. One is chock full of gemstones, precious metals, rare spondalus shells, ivory and extremely rare minerals. All that glitters in this cabinet is not only gold but also highly valuable, majestic-looking and expensive raw materials in their elemental state.

Many are unpolished and unrefined, mirroring the European fixation with the amazing, pure substances that make up American artwork observed during conquistador expeditions.

It is important to note that the interest in pure substances from the Americas with which to construct new artwork was not only based on admiration of sparkle and shine.

The *Chamber of Wonders* exhibit perfectly displays the practice of melting down or extracting American natural resources, constructing new works of arts and displaying the final products in a *Kunstkammer* as personal treasures.

Once viewers get over the initial shock and awe of the room's grandiosity, they will come to see that each corner and crevice has a purpose, a message to be conveyed and an admiration to be shared. After exploring the collection that, to past collectors, represented a single region of the world, visitors will come away with a time-honored appreciation for the natural beauty of the Americas.

SIRENS, FROM B3

Treinen, co-performance director; Kerry Moriarty; Nicole Hayes, business manager; and Sami Carter, webmaster and a junior who will be leaving early.

Members who will be leaving were singled out individually by younger members who took the time to express their heartfelt feelings about them through letters and speeches. Seniors were also given gift bags filled with gifts suited particularly for them.

These gifts included photo albums, lockets and even puzzles. The one thing that all of these gifts had in common, however, was that they were all picked out with great love and thoughtful consideration by the other members.

The Senior Send-Off ceremony was a very personal and emotional experience, and even many of the audience members felt shaken by the strong bond of love and sisterhood that the Sirens shared with one another.

The concert also included the showing of a

video, featuring the members of the Sirens parodying of the reality TV show *The Bachelor*. The video was hilariously sarcastic and especially poked fun

accomplishments and the years of hard work they had dedicated to the Sirens.

As the only all-female cappella group on cam-

pus, the Sirens occupy a very special niche within the Hopkins a cappella community.

According to the group's website, Ani Pahlwanian founded the group in the fall of 1994. The Sirens were officially the third a cappella group on campus, and its first concert was held in February of 1996. Since then, the ladies have kept up a tradition of loyalty and support among its members and share a beautiful bond through music, one of the most amazing avenues of art. The audience reflected this bond; the numerous Sirens alumni were present to support the current Sirens.

Not only did these alumnae actively engage with the concert, but they were also always the loudest to cheer for their fellow Sirens. The presence of the alumnae really went to show the strength of the bonds shared by the ladies in this a cappella group. For those who were unable to attend the live show, the contents of the entire concert can be found online on the JHU Sirens YouTube channel. The YouTube channel is also filled with videos from previous concerts and is most definitely worth checking out.



COURTESY OF JESSICA DEBAKEY
Hopkins' entirely female a cappella group, The Sirens, sing unique mashups of radio hits that span genres.

at the senior members, who were not included in its making. The video ended with a tribute to all the senior members of the Sirens who would be leaving. There were clips of family members and friends congratulating the seniors for all their

pus, the Sirens occupy a very special niche within the Hopkins a cappella community.

According to the group's website, Ani Pahlwanian founded the group in the fall of 1994. The Sirens were officially the third a cappella group

on campus, and its first concert was held in February of 1996. Since then, the ladies have kept up a tradition of loyalty and support among its members and share a beautiful bond through music, one of the most amazing avenues of art. The audience reflected this bond; the numerous Sirens alumni were present to support the current Sirens.

As the 2013 - 2014 academic year approaches its conclusion, the JHU Undergraduate Academic Ethics Board would like to remind you of your responsibility for upholding our proud institution's reputation for academic excellence and integrity. While there is no doubt that the academic rigor of JHU produces challenges, it the expectation of the faculty and administration that the student body rise to meet these challenges through honest work of independent thought. There is never an instance where academic dishonesty is acceptable. If you should ever feel unable to meet the academic requirements of a course, it is best to have a discussion with your faculty member or an advisor rather than resort to academic dishonesty. To that end, the board has provided a brief summary below containing information on violations of the Academic Ethics Code that have occurred in the past two years and the related consequences:

2011 - 2012 Academic Year to Present Date

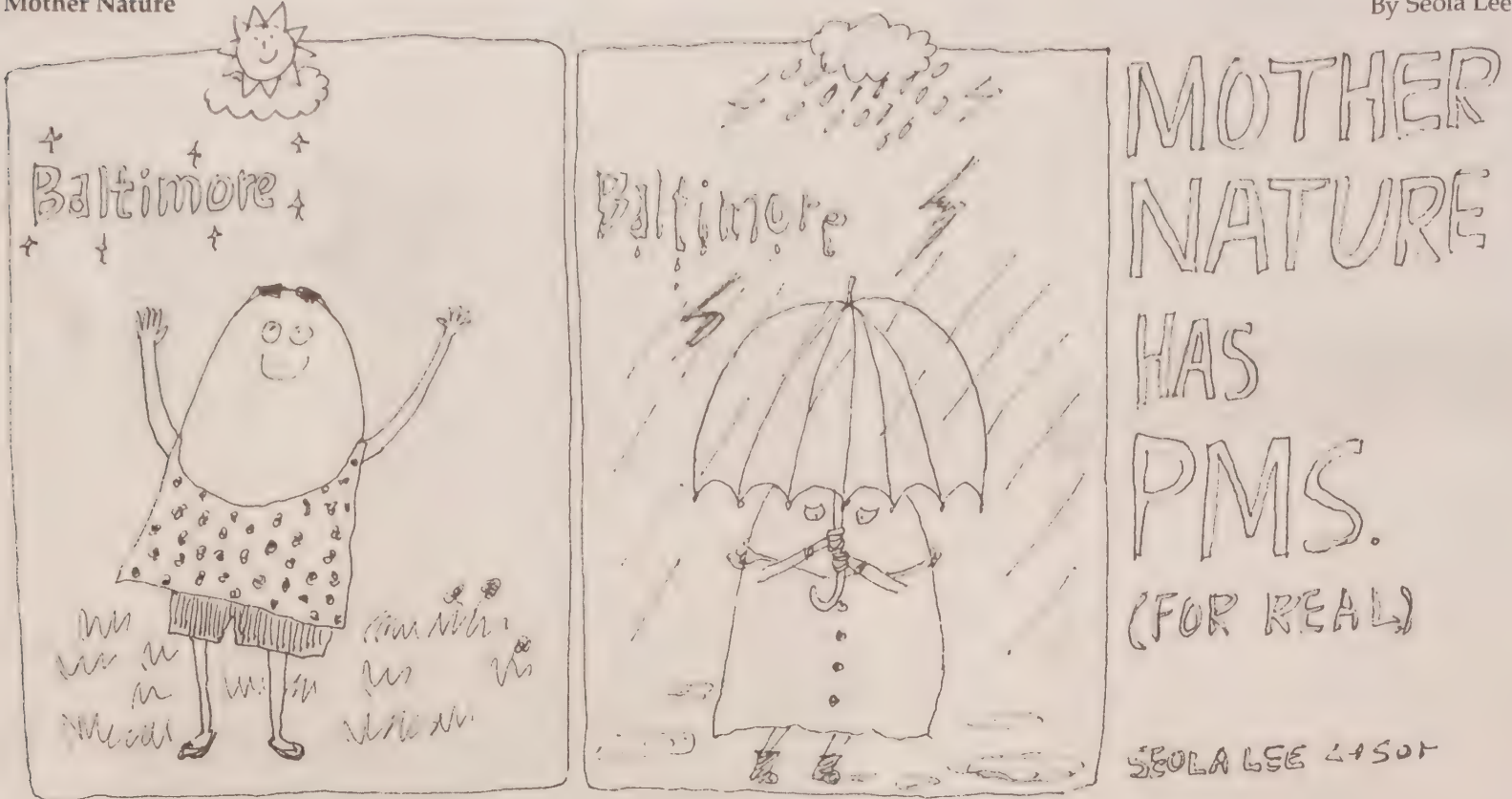
	#
Total Number of Reported Violations of Academic Ethics	142
• Reported Cases of Plagiarism	94
• Reported Cases of Cheating on Exams	26
• Reported Cases of Facilitating Cheating, Clicker Violations, Lying, Forgery	22
Academic Ethics Violations Resulting in Final Grade Reduction	63
Academic Ethics Violations Resulting in Failing Course Grade	19
Academic Ethics Violations Resulting in Transcript Notation of "Academic Dishonesty"	5
Academic Ethics Violations Resulting in Suspension from JHU	3
Academic Ethics Violations Resulting in Expulsion from JHU (Since 2010)	3

For any questions regarding the JHU Undergraduate Academic Ethics Board, please email studentlife@jhu.edu or call 410.516.8208. Thank you and best wishes on your final exams!

CARTOONS, ETC.

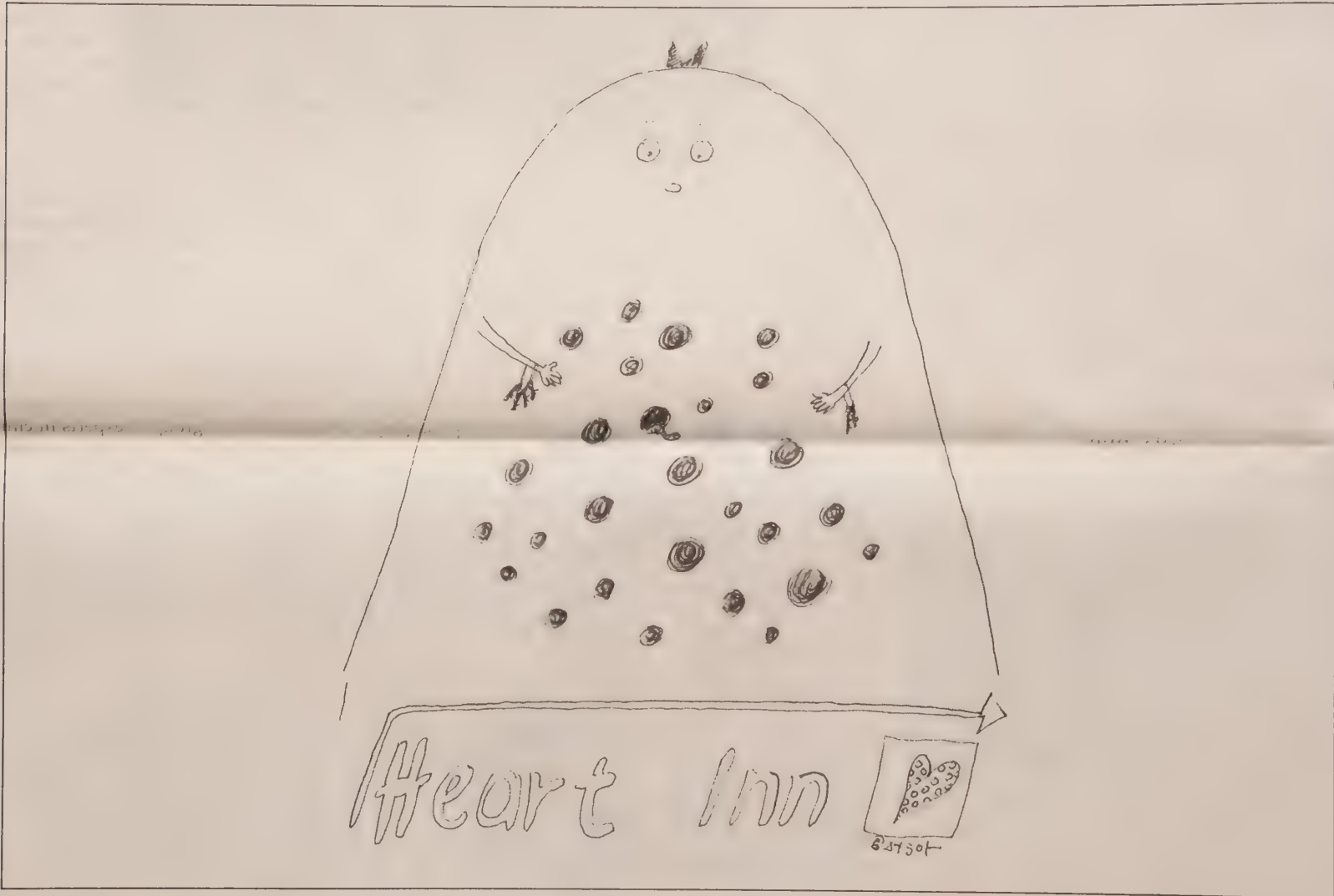
Mother Nature

By Seola Lee



Heart Inn

By Seola Lee



Acrostic
By Shaun McGovern

1	E	2	CH	3	M	4	HQ		5	N	6	P	7	J	8	A		9	F	10	CP		11	J		12	Q	13	E	14	R	15	R	16	H	17	A	18	GL	19	H			
20	R			21	F	22	L		23	G	24	M	25	K	26	S	27	I	28	R	29	P	30	H		31	P	32	M	33	F		34	B	35	R		36	B	37	E			
		38	K	39	I	40	C	41	G	42	I	43	N	44	N	45	A	46	K	47	M	48	P		49	N	50	D		51	R	52	F	53	I	54	H	55	H	56	I	57	P	
58	IR	59	L	60	K			61	D	62	G	63	C	64	DM	65	HR	66	A	67	MN			68	G	69	GR	70	J		71	K	72	KR	73	F	74	P	75	R	76	P	77	H
78	Q	79	LB	80	HL			81	G	82	D	83	H	84	Q	85	IR	86	G	87	G			88	P	89	M	90	R	91	M		92	F	93	J	94	R		95	B	96	H	
97	D	98	F			99	J	100	J	101	C	102	D	103	B			104	N	105	G			106	D	107	P	108	F		109	A	110	L	111	J	112	I	113	EP	114	S	115	B

Guess the words defined by the clues below and write the answers over their numbered dashes. Then transfer each letter to the correspondingly number in the blank spaces. The filled pattern will contain a quotation reading from left to right. The first letters of the guessed words will form an acrostic spelling out the name of the man who said the quote. Hint: the quote and the man are tied to the Johns Hopkins University.

A. McKinley or Washington

45 66 109 17 8

B. "Lost" setting

34 103 79 36 115 95

C. Floodbank

101 63 40 2 10

D. Prized subterranean fungus

106 97 82 61 50 102 64

E. "Good heavens!" (2 wds.)

113 1 37 13

F. Favorite school supply for Gosling or McAdams?

73 52 92 108 9 33 21 98

G. Favorite Hopkins event, to some (2 wds.)

23 81 62 18 86 87 105 68 41 69

H. Day for green eggs and ham? (2 wds.)

2 96 83 19 4 54 30 36 77 65 55 80

I. Old-fashioned respirator (2 wds.)

85 42 58 112 27 53 39 56

J. Seattle NFLer

7 70 11 93 100 99 111

K. Rebounding sounds

38 71 25 72 46 60

L. Invalidate

110 59 79 79 18 22 80

M. A certain Hopkins Hall

32 89 24 91 64 3 67 89 47

N. Cookie Monster's cry

43 67 44 104 5 44 49 67

P. Location

31 107 10 29 57 76 88 113 6 48 74

Q. Engrave

4 78 12 84

R. Light-hearted, humorous film (2 wds.)

69 58 14 28 35 75 85 51 90 72 15 94 65 20

S. "Ouch"(example – not included as spelling out name)

O W

26 114

SCIENCE & TECHNOLOGY

Hopkins chastises stroke patient misdiagnoses

By SAMHITA ILANGO
Staff Writer

Over the past few years it has become increasingly evident that emergency physicians overlook tens of thousands of strokes

each year. These missed diagnoses are not equally distributed among the population, but ER doctors disproportionately miss strokes of women, minorities and younger patients. Researchers at Hop-

kins conducted a retrospective analysis on the inpatient discharge and emergency department records of nine states. David Newman-Toker, an associate professor of neurology at the Hopkins School of Medicine, led the team. In an interview with *The News-Letter*, Newman-Toker explained that studying this data may help identify trends in public health. "Studying errors at the local level allows us to identify institution-specific problems, but federal data sets allow us to identify national public health problems and priorities," Newman-Toker said. By combining data from nine states, the research team was able to generate a large sample. "Because there are many more cases in these large datasets, we can identify patterns that would not be evident using smaller datasets. For example, considering stroke misdiagnosis at a single hospital, there might only

be a dozen cases each year too small a number to assess whether racial, gender, or age disparities exist," Newman-Toker said. From the collected data, the Hopkins research team found that one in 10 Emergency Department visits resulted in a discharge diagnosis of headache or dizziness. These events, which were interpreted as possible missed strokes, were more likely to occur with patients who identified with minority groups, female patients or those under the age of 45. "Reducing misdiagnosis is difficult, and doing so will likely require a combination of computer-based tools (e.g., diagnostic decision support, data visualization techniques, improved electronic health record results tracking/reporting, etc.), human solutions (e.g., improved training in diagnosis, more effective teamwork/communication, better feedback to doctors on their diagnostic accuracy)," SEE STROKES, PAGE B8



LRLEYIWEB.BSU.EDU
Emergency doctors overlook strokes in young women and physicians.



NEUROSCIENCES.BEAUMONT.EDU
Poor mental health contraindicates surgery because of negative outcomes.

Surgeons fail to screen for depression in patients

By CATIE PAUL
Staff Writer

Past studies have shown that surgical patients suffering from depression often have longer recuperation periods, more postsurgical complications and more difficulty complying with their medication schedules after leaving the hospital than surgical patients without symptoms of depression. Compounding this information, a recent study conducted by the Hopkins School of Medicine has found that most orthopedic surgeons do not screen well enough for depression and anxiety in patients prior to surgery.

The study was led by Richard Skolasky, director of the Hopkins Spine Outcomes Research Center and an associate professor of orthopedic surgery at the Hopkins School of Medicine. Skolasky's team found that only 10 percent of orthopedic surgeons and neurosurgeons follow the guidelines for screening patients before surgery for back or leg pain. While this percentage seems small, it quickly adds up, as more than 600,000 spine surgeries are performed in the United States each year. In an interview with *The News-Letter*, Skolasky explained why he chose to study this subject. "I

started to research what the recommendations were for screening for these factors," he said. "I came to find that there were actual recommendations from the U.S. Preventive Services Task Force to screen patients using a pre-surgical psychological screening. So my question became how often are these recommendations followed and how often do surgeons use the full recommendation?" The guidelines that surgeons are supposed to use are called the PPS, a two-part psychological test for use before surgery. The U.S. Preventive Services Task Force, a group of experts in clinical practices, strongly recommends the test. The questionnaire only takes 20 to 25 minutes to fill out, and, if necessary, a trained psychologist can follow up with the patient afterwards. "It's important to note that the guidelines aren't specific to spinal surgeries; it can be for any number of surgeries where mental health is a risk factor for surgical outcomes," Skolasky said. In their study, Skolasky and his team emailed a questionnaire to 340 licensed spinal surgeons in the U.S. from December 2010 to January 2011. 110 surgeons, most of whom SEE DEPRESSION, PAGE B8

Nature inspires an 'unbreakable' encryption code

By JOSH SCARALIA
Staff Writer

Has a friend of yours ever hacked your Facebook account? Imagine now that it wasn't your friend. What if someone you'd never met before, someone from across the world hacked your Facebook account? If your Facebook account getting hacked doesn't scare you, maybe this will: what if it was your car key that was

hacked? Your cell-phone? How about your bank account? Every one of these have specific identification codes that are becoming easier for hackers to break as programmer knowledge of different protective systems grows. Luckily for us, scientists at Lancaster University may have designed a system that will thwart hackers. University may have designed a system — an unbreakable vault so to speak — that will thwart

hackers from ever gaining access again. The new protection model is based on the cardiorespiratory coupling function found in nature. This function allows for time-based communica-

tions between a pair of dynamic systems. Here's the basic idea: The sender's communication is encrypted, meaning that it is sent in a code that only allows a specific

SEE PASSWORD, PAGE B8



SHLSUHSX.EDU
The coupling system in the cardiopulmonary system inspired coding.

Some E. coli species are responsible for cancer

By JOEL PALLY
Staff Writer

With over 10 trillion bacteria living in our gut, the human digestive system is more of an ecosystem than a series of organs. As human hosts, we hold crucial symbiotic relationships with many of our bacterial residents. In return for much needed nutrients and a protected living environment, much of our healthy flora provides necessary digestive and immune functions. However, much of the activity of the estimated 500-1000 species of bacterial inhabitants of our gut is largely unknown. With efforts such as the Human Mi-

crobiome Project, which was launched by the National Institute of Health in 2008, with a goal of identifying and genetically sequencing the myriad of microbial species found in our various organ systems, science has begun to amass a body of knowledge that has catalyzed research in the field. Developments from researchers at the Wistar Institute in Philadelphia represent some of the latest advances spawned by this initiative. At the 2014 annual meeting of the association for cancer research in San Diego, Frank Rauscher, III, a researcher at the Wistar

SEE E. COLI, PAGE B8



MICROBEWIKI.KENYON.EDU
Researchers suspect that some intestinal E. coli lead to colon cancer.

Early risers have lower body mass index

By LIZZIE LIU
Staff Writer

There might be more advantages to being an early bird other than getting the worm — scientists have discovered that people exposed to bright light before noon had significantly lower body mass indexes (BMI) than people who get most of their light exposure later in the day. The study, performed by scientists from Northwestern University, has been the first one ever to link an individual's BMI, a measure of body fat based on height and weight (not to be confused with a measure of pure body fat), to the timing, intensity and duration of light exposure. The scientists studied 54 people of an average age of 30 in the Chicago area. Each participant wore a wrist monitor that measured their light exposure and sleep parameters for seven days under normal-living conditions. They recorded what they ate on food logs so the researchers could determine caloric intake over



BLOGSLUC.EDU
Researchers have found an interesting correlation between natural light exposure and body mass index.

the seven day period. The researchers found that those who were regularly exposed to more morning light between 8 a.m. and 12 p.m. had lower BMIs. The effect counts for roughly 20 percent of BMI, even after accounting for variables such as age, physical activity level, sleep timing, season and caloric intake.

They even discovered the minimum brightness threshold for having a lower BMI: 500 lux. The scientists were not at all surprised by this — previous research from Northwestern as well as other universities show that light plays a role in regulating metabolism, hunger and satiety. The new discovery helps

support the growing evidence that keeping our internal body clocks synchronized with the natural light-dark cycle is beneficial for our health. However, the exact mechanism of how exactly light affects BMI and body fat has not been discovered yet, so the relationship between morning

SEE BMI, PAGE B8

Human Microbiome Project studies E. coli

Thousands of strokes are missed each year



NLM.NIH.GOV
The digestive system is a massive biome for thousands of microorganisms.

E. COLI, FROM B7
Institute, and other members of his research team will present findings they believe implicate certain species of intestinal E. coli with increased risks of colon cancer. If their research is supported, it could lead to a significant step forward in the treatment of colon cancer.

Thanks to increased public awareness, the incidence rates of colon cancer have declined in the U.S. over the past few years. However, this decrease in incidence has not been accompanied by an

increase in survival rates. Although scientists have identified genetic mutations related to the disease, they have not been able to translate their new knowledge to patient survival. This new research from the Wistar Institute represents a new avenue for potential treatment of the disease.

The link between the E. coli bacterial strain and colon cancer was discovered while Rauscher and his colleagues were studying the anti-inflammatory properties of pathogenic E. coli. Both healthy and un-

healthy strains are known to actively reduce inflammation of surrounding human tissue. This is often interpreted as a survival mechanism, as the human inflammatory response is activated by the body to promote healing as well as the spread of bacteria. The Wistar researchers identified several proteins produced by E. coli that they believed to be the active agents of this process. One such enzyme, referred to as NLEE, is an enzyme that targets a downstream effector in the NF- κ B pathway, a pathway known to be involved in inflammatory response.

While looking for other potential targets of the NLEE enzyme, Rauscher and his colleagues discovered that NLEE was capable of binding and subsequently deactivating certain proteins involved in DNA repair. Through a collaboration with Fen Shao, a researcher at the National Institute of Biological Science in Beijing, the team deter-

mined that NLEE targets a common protein structural motif known as the zinc finger. This motif allows many proteins, including those involved in DNA repair, to bind DNA and RNA. Biochemical analysis revealed that by adding a single methyl group to the zinc finger of DNA repair proteins, NLEE was able to destabilize these proteins, causing them to unfold and unable to perform their regulatory function. Such failure of the gene repair mechanisms is a known hallmark of both cell death and cancer cell development. Thus, the researchers were able to connect this E. coli-supported activity to cancer.

This research may lead to a significant advance in the treatment of colon cancer. With this information, pharmaceutical companies could develop drugs that more directly treat colon cancer risk factors. However, more research needs to be done before this becomes a viable approach.

STROKES, FROM B7
and new scientific discoveries (e.g., improved diagnostic technologies)."

This issue will not be easy to fix.

"There are no 'magic bullets,' and many solutions will probably need to be symptom (e.g., dizziness) or disease (e.g., stroke) specific," Newman-Toker said.

Despite these challenges, the Hopkins research team already has an idea of how to decrease the number of missed strokes in the future.

"The primary way we approach stroke diagnosis now is to focus on

ety to Improve Diagnosis in Medicine's 'Diagnostic Error in Medicine' conference seeks to raise awareness among healthcare professionals and policy-makers. The Institute of Medicine is developing a report on diagnostic errors scheduled to be published in 2015, which will likely draw significant attention to this major public health and safety problem."

We can't reduce diagnostic errors without more research into solutions.
-DAVID NEWMAN-TOKER, SCHOOL OF MEDICINE

While this will help raise awareness, Newman-Toker said the issue can only be solved through patient advocacy. "Ultimately, it is patients who need

to advocate for this issue with their Congressional representatives and as part of grassroots campaigns," Newman-Toker said. "We can't reduce diagnostic errors without more research into solutions, and right now, almost no money is being allocated to develop solutions. Until patients force politicians to place more emphasis on diagnostic error, the pace of progress will remain very slow," Newman-Toker said in his interview with *The News-Letter*.

Programmers study heart, lung communication

PASSWORD, FROM B7
receiver to view it, as a time-variant coupling function between two dynamic systems. The decrypting receivers, which are also dynamic coupling functions, then decipher the complex functions in them.

This system is based off the dynamic communication observed between the heart and lungs in the naturally-occurring cardiorespiratory coupling function. In this method, the sender has a virtually infinite set of encryptions

that he or she can send, allowing for a practically impenetrable system. This method is highly adaptable, making it easy to install in all communication systems. Furthermore, it allows for the simultaneous transmission and reception of multiple signals.

This is not the first time that nature has inspired an astounding breakthrough in science. Engineers in Toronto have increased the energy of wind turbines by 20 percent by designing turbine blades based off the structure of whale fins. Architect Mike Pearce constructed the Eastgate Center, a building in Harare, Zimbabwe, based on the thermoregulation seen in African termite mounds. This greatly decreased the building's energy consumption and mitigated the need for heating and cooling systems. By analyzing the wavelength interference seen in butterfly wings, engineers at Qualcomm have developed systems that can generate vivid

colors visible under all lighting conditions.

Thus, there is no doubt that nature has greater and more efficient designs than we could ever produce. Considering it had a 4 billion year head start, this should not be surprising.



TNSTATE.EDU
The cybersecurity arms race continues to inspire more complex solutions.

Surgeons slack on mental screens

DEPRESSION, FROM B7
were men, responded. The researchers found that surgeons with more than 15 years of experience were more likely to use the PPS. They also found that surgeons based in private practices or community hospitals were more likely to use the screening as opposed to surgeons at university-affiliated hospitals. Lastly, the study found that surgeons with more than 200 patients per year were more likely to use the survey than surgeons that had fewer patients per year.

patients. Protocols should be established to ensure that these screenings are used. If a screening is not proposed, Skolasky thinks a patient should feel comfortable requesting one from a surgeon.

Skolasky was surprised that university-affiliated surgeons were less likely to use the psychological screening. He found such a result to be counter-intuitive because university-affiliated hospitals are more likely to have access to psychologists. While Skolasky believes this suggests the lack of understanding among surgeons of the importance of the screenings, he notes that it could also result from the a perception that the screenings might take up valuable time during which the patient's condition could deteriorate.

Ultimately, Skolasky believes that it comes down to training, and that surgeons should be taught the importance of psychological tools like

the PPs during their education.

"We're actually planning on developing a symposium at the North American Science Society," Skolasky said. "That symposium would be focused on reviewing and presenting the literature but then also describing what pre-surgical psychological screenings exist and how patients who get treatment could go on to have good outcomes after surgery."

Patients should also be educated and know that such a test could be useful and they have the right to request it. In the future, Skolasky wants to study how treatment for depression and anxiety before back surgery speeds up or slows down recovery from surgery.

This study was funded by Hopkins' Provost's Undergraduate Research Award. The other researchers involved in the study were Arthur Young, Benjamin Young and Lee Riley III.

Natural light regulates metabolism

BMI, FROM B7
light and a healthy body weight cannot be labeled as a direct cause and effect.

Even though the correlation between the brightness, duration and timing of morning light exposure

and BMI is still being debated, the Northwestern researchers hope that people will be able to benefit from the research. They see it as a potential factor in weight management programs where light manipulation could be another

way to help people lose weight.

This is great news for all the morning larks out there, but what about us night owls? It is pretty tough for any of us to get our daily dose of bright light in the morning — the American lifestyle is predominantly indoors and the Hopkins lifestyle is predominantly in the library, where we work in poorly lit rooms that are usually about 200 to 300 lux, which is short of the magic number the study recommends, 500 lux. The scientists agree that it is difficult to achieve a level of 500 lux indoors, but even on a cloudy day, outdoor light is more than 1,000 lux of brightness.

This means that the best way to soak in early morning bright light would be to go out for a 20 to 30 minute walk or jog. Just sun bathing on the Beach works too.

Freshman Michael Guo agrees that it would be beneficial to wake up early and soak in some morning rays, but not if it means sacrificing a few precious hours of sleep on the weekend.

"Honestly, I [would] rather just catch up on some sleep," Guo said.



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Light levels higher than 500 lux seem to greatly influence metabolism.

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Urban soil exhibits dangerous pollution levels

By REGINA PALATINI
Staff Writer

There is currently a global soil crisis. An entire third of all soil is degraded, and declines in the quality and amount of soil will greatly impact the current food supply. It is easy to assume that most soil in gardens is healthy and safe, but is all garden soil really the same?

Researchers at the Hopkins Center for a Livable Future have recently discovered that soil in urban areas is not as safe as we may assume. The urban environment can impact soil in such a way that



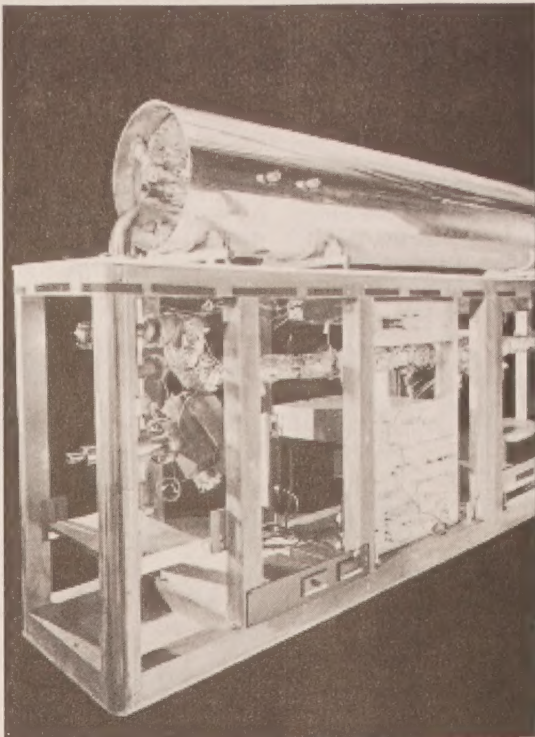
ENTON.CA.UKY.EDU
Urban pollutants pose health dangers for eating city-grown vegetation.

heavy metals, asbestos and petroleum products exist in the soil for long periods of time. This is often the result of processes that occurred in the same area prior to the garden existing. For example, factories and manufacturing technologies can inadvertently let dangerous substances leave the factory, and they remain in the ground until removed. If they are not detected and eliminated properly, they easily make their way into any soil placed on top of them. Proximity to streets with large amounts of traffic can also result in harmful substances entering ur-

ban soils. Unfortunately, soil contamination poses a threat to individuals who eat the food grown in the soils in addition to harming those who grow the food. The Hopkins researchers have been interviewing urban gardeners in Baltimore City as well as those who have jobs related to this problem of urban soil contamination. The intent of the researchers is to determine whether urban soil can be dangerous, and how so, as well as how to mitigate any risks posed by soil. The researchers emphasize that there are a variety of routes of exposure to the harmful contaminants found in soil, including simply walking on the soil. Exposure also has the potential to increase risks of other diseases. Parents should especially be careful that children do not play in soil that might be contaminated because the contamination can have worse effects on children than adults.

With the high amount of industrialization and pollution in many cities, gardens and healthy soil

can be worth their weight in gold and allow for many health benefits. Urban gardens are especially attractive to “locavores” who emphasize only eating foods that are grown close to home, and individuals looking to save some money by growing food rather than buying it. These types of gardens also attract those who want to eat organically grown food, like to know exactly how their food has been grown and want to know if any pesticides have been sprayed on it. While it is certainly not necessarily bad to garden and to have contact with soil, individuals should just be aware of where their soil comes from and what types of buildings may have existed where the garden now stands. Other protective measures that can be taken are to place gardens as far away from old buildings, and buildings in general, as possible, and use fences to prevent dust from the street from entering the garden. Individuals should also wash their crops well before eating them and wash their hands after gardening to ensure that no harmful chemicals remain.



TIMEANDNAVIGATION.SLEDU
This new atomic clock is estimated to stay accurate for 300 million years.

Atomic clock accurate to 3% of a nanosecond

By MARK STUCZYNSKI
Staff Writer

Have you ever been late because of problems with your watch? Good news: the National Institute of Science has your back for the next 300 million years. Their newly developed atomic clock, called NIST-F2, is designed to maintain perfect time with no decay or error. Furthermore, NIST-F2 may have many uses for GPS and other future inventions. While nothing is perfect, this clock is so precise that it only suffers from a 0.03 nanosecond displacement every day. This translates to about 1 second of inaccuracy over 100 million years. The NIST-F2 will supersede the NIST-F1, which is about a third as accurate as the F2. By comparing the two atomic clocks, research can continuously calibrate and improve the precision of both clocks.

While you may not need this degree of accuracy to get to class on time, such a high degree of accuracy is necessary for the function of many systems, including electrical grids, global telecommunications and GPS devices. Most traditional clocks rely on mechanical balances to calculate the difference between one sec-

ond and the next, but macro-scale physical clocks are prone to errors that develop over time: Pendulums often swing too far, springs may not wind tightly enough and so on.

In contrast to traditional clocks, atomic clocks operate by detecting atomic vibrations. There is an international standard of time measurement, like the platinum rod standard for a meter. It is defined as a little over nine billion cycles between two energy states in cesium atoms. Common atomic clocks use extremely cold cesium atoms, which are funneled down a radio wave-firing tube that is tuned to the standard frequency of cycling. Atoms attuned to the frequency resonate and can be detected at the end of the tube. Knowledge of these small, precise resonance movements of the cesium atoms allows for extremely accurate measurements of time. The whole system is based on changes in radiation in the system, which forces the cesium’s electrons to oscillate.

The NIST-F2 uses these atomic clock methods for time keeping. Despite the improvements from F1 to F2, work is already underway on F3 and further models.

Large subsurface ocean exists on Saturn’s moon

By SEAN YAMAKAWA
Staff Writer

In 2005, NASA gathered information that suggested that a vast sea of water underneath the frozen surface of Saturn’s moon, Enceladus, spewed water vapor into the atmosphere. Images captured by the Imaging Science Sub-system (ISS) camera of NASA’s Cassini spacecraft featured parallel, linear ridges on the surface of Enceladus’ southern region. These eruptions of water called “tiger stripes” are unique to the Enceladus. These observations led scientists to believe that they had potentially discovered a

new, large source of liquid water that was possibly fueling these eruptions. Nine years later, data collected by Cassini in 2005 have been fully analyzed to confirm that a large subsurface ocean can exist underneath the Enceladus’ surface.

Scientists worldwide collectively analyzed gravity measurements taken by Cassini to determine the internal structure of the Enceladus. The Cassini flew past the moon three times between April 2010 and May 2012 while collecting extremely precise measurements of Cassini’s position, which were constantly transmitted to NASA via microwave car-

rier signals. This data can be used to construe the gravitational tug of the Enceladus on Cassini. By surveying the effect of the Enceladus on Cassini’s microwave signals as it moves past the moon, scientists learned about the Enceladus’ gravitational field and from this, the distribution of mass within the moon.

This is not a new method used to learn about the internal structure of distant objects and is currently the most accurate geophysical method of determining internal structures without seismometers on the object’s surfaces. In the case of Cassini’s measurements,

a negative mass anomaly was discovered at the exact location of the tiger stripes. This anomaly indicates that there is a lower density at the tiger stripes than if the surface were a part of a uniform spherical body.

Previously, scientists confirmed the presence of a depression at the Enceladus’ south pole, but the magnitude of the negative mass anomaly was smaller than it would be for a depression. The presence of a subsurface ocean would provide one possible explanation for the small negative mass anomaly and eruptions of water at the moon’s south pole.

Although scientists cannot confirm whether the tiger stripes are spewing water or another liquid, the possibility has not yet been ruled out. If the liquid is water, then the Enceladus will add to a growing list of known bodies of water outside of Earth, such as Jupiter’s moon Europa.

Tetraquark existence is confirmed

By KELLY CARTY
Staff Writer

Researchers at the Large Hadron Collider in Geneva, Switzerland have confirmed the existence of Z(4430). This particle, thought to be an elusive form of matter called a tetraquark, does not conform to any other known models of matter. This Z(4430) discovery came from the Large Hadron Collider beauty (LHCb) collaboration, a multinational research project led by researchers from Syracuse University.

Quarks, which were first discovered in the 1960s, are elementary particles found in the nuclei of atoms. They can combine in twos, forming units called mesons, or in threes, forming baryons. Both of these groupings can be found in nature: Mesons are known elements of cosmic rays and baryons include protons and neutrons.

For decades, researchers have hypothesized that quarks can combine in units of four. The resulting tetraquark remained a facet of theoretical physics, as no labs could prove the particle’s existence. In 2008, researchers working with the Belle detector at KEKB accelerator in Tsukuba, Japan reported the existence of Z(4430), a supposed tetraquark. However, this data didn’t hold up for long in the scientific world: Researchers working with the BaBar detector in the SLAC accelerator in Menlo Park, Calif. could

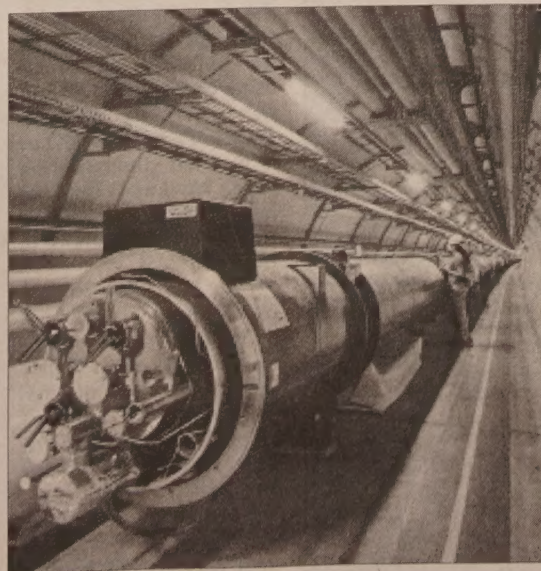
not successfully repeat the Belle experiment. Thomas Cohen, a researcher at the University of Maryland, thinks modern computing is to blame for the lack of tetraquark evidence. Apparently, modern computing is not yet advanced enough to determine if a tetraquark could exist.

Despite these pitfalls, the LHCb collaboration collected an enormous amount of data to find the mysterious particle: The LHC team analyzed more than 25,000 decays of B mesons from 180 trillion proton-proton collisions using the analysis techniques of the Belle and BaBar researchers. 4000 Z(4430) particles were found in LHCb data. Although this seems to silence all

doubts of the tetraquark’s existence, there are still questions surrounding the LHCb experiment.

Researchers working in the LHCb collaboration still need to prove Z(4430)’s tetraquark characteristics. According to Marek Karliner, a theorist at Tel Aviv University, other supposed tetraquarks may actually be loosely bound pairs of mesons. At the moment, the mass of Z(4430) appears to exclude it from this possibility.

Nonetheless, Z(4430) data reveals that the particle decays 10 times faster than predicted from tetraquark models. This suggests the researchers do not yet understand the whole quark story.



PHYSICS.NYU.EDU
Researchers at the Hadron Collider have confirmed tetraquark existence.

Computer models new soy crop

By TONY WU
Staff Writer

As the world’s population continues to grow, the planet’s ability to support life is being stretched to its limits. In fact, models on Earth’s carrying capacity suggest that the planet cannot sustain current growth rates. If changes are not made, food and water shortages will span the globe in the near future. Some scientists believe that the only way to avoid such crises is through a second Green Revolution, in which global food production significantly increases.

To assist in the efforts of increasing food production, researchers at University of Illinois Urbana-Champaign have created a computer model that can simulate the planting of different soybean crops and then determine the resulting production and cost of each crop. These researchers, lead by Praveen Kumar, a professor of civil and environmental engineering at the University of Illinois, claim that a crop designed by the computer model can increase food production by nine percent and simultaneously reduce water consump-

tion by 13 percent. Furthermore, these crops will be able to reflect 34 percent more radiation into space.

How can one crop accomplish all these goals? Surprisingly, the answer lies in the shape of a plant. In an evolutionary schema, plants develop a leaf branching distribution that will block out other plants that may compete for water and nutrients. While this has helped many varieties of plants survive in the wild, such leaf distribution is rarely necessary in an agricultural setting. Thus, farmers can forgo this evolutionary trait for more agriculturally-efficient distributions.

Increasing the leaf distribution on a plant will allow farmers to pack plants closer together. This can reduce the amount of water that is lost from empty soil evaporation. Additionally, if the leaves are distributed evenly, light can penetrate the plant more deeply. This allows the plants to carry out a higher degree of photosynthesis and therefore harvest a greater amount of light energy.

The researchers at the University of Illinois further discovered that, by decreasing the density of

the canopy, they could decrease water usage while preserving the productivity of the plant. A dense canopy causes the plant to lose water through evaporation and, therefore, lead to a higher amount of water usage. Interestingly, canopy-sparse plants not only help reduce water usage, but they can also help offset potential changes in climate. By manipulating the angle of the leaves, researchers increased solar radiation reflection of each plant. Such reflection alleviates global warming processes.

The benefits offered by the computer model are strikingly apparent. Modeling crops with different characteristics allows researchers to see how each change affects food production, water usage, and the overall climate. By selecting desirable traits, these researchers can help the agricultural industry support the increasing world population.

However, these models aren’t simply creations on a computer screen: Many of the manipulated traits exist in living crops. Therefore, the simulated crops can be created through cross-breedings of existing crops.

Men's Track places 2nd at only home meet

M. TRACK, FROM B12

Also finding success at the Hopkins/Loyola Invitational was freshman Andrew Barnett, setting a personal-best in the pole vault in an already accolade-packed debut season to win the event. Barnett cleared 5.00 meters (16' 4.75"), shattering the 14-year-old outdoor record previously held by Brian Nichols at 4.88 meters (16' 0.00"). Barnett now owns the indoor, outdoor and facility records for the Jays in the pole vault, and is tied for first in the nation in the event.

"Every athlete strives to perform the best that he/she can in any sport, and what is going to keep me going is that I am not at that level yet,"



Carey and Barnett highlighted several first place finishes for the men's track team.

said Barnett when asked about what he has left to work for after becoming the best pole vaulter in the nation as a freshman. "And until I reach that level, I am going to keep working as hard as I can

Rozanski was also the top Blue Jay in the 200 meter dash with a 22.42 second finish to take 11th place in the event.

On the field side of the meet, junior Ryan Walsh tied for the gold in the

together a jump of 12.65 meters.

In the 3,000 meter steeple, Hopkins took both first and second place. Junior Austin Steckclair ran it in 9:36.53 to take the gold, breaking the Hopkins/Loyola. Fellow junior Andrew Ceruzzi finished not far behind in 9:42.45 to claim second place.

Freshman Stefan Arnold won his first event of his outdoor season and career, taking the 5,000 meter race title with a time of 15:25.77. Other Jays found success in the 5,000 meter race as well, with senior Nathan Dor-di taking 15th place in 16:19.18 and sophomore Billy Scola finishing right behind him in 16th with a time of 16:25.33.

"This is our best team ever and it was a perfect day to run," said Carey. "I think everyone was in good spirits and excited to race. When that happens, people run fast."

The men's track and field team will next compete at the Mount Saint Mary's Multi's and Widener Invitational on April 17, 18 and 19. They hope to improve on their already strong outdoor season with another stellar performance at these meets.

to get there."

Senior Collin Rozanski also found himself atop the medal podium, taking home first place in the 400 meter dash in 49.20 seconds to beat Jonte Miles of Howard Community College by .17 seconds.

high jump. He jumped 2.00 meters to tie for first with Wagner's Matthew Kane. Senior Brendan Evans finished fourth in the long jump, clearing 6.75 meters. Evans also finished seventh in the triple jump, putting

Women's Tennis tops Washington College

By ALEX PICANO
Staff Writer

The Hopkins women's tennis team beat visiting Washington College in a shut out 9-0 on Saturday afternoon. Currently ranked third, the Lady Jays remain the only unbeaten team in the Centennial Conference. They improved to 13-1 overall and 5-0 in the conference.

Hopkins began the day with a sweep of their doubles matches, dropping just five games total. Sophomore Olivia Kasten and freshman Ashnaa Rao defeated their opponents 8-5 first. Following their match were juniors Kaitlin Pfisterer and Macie Wilkins, beating Washington College 8-0. The third match found freshmen Amanda Kankanala and Amanda Soo Ping Chow defeating their opponents 8-0 as well.

"The season is going great so far," Kasten said. "Right now we are still undefeated in the conference and are heading to another conference title. We are also gearing up for the NCAA tournament. We've still got some work to do, but I think we are on the right track to making it further than we've ever gone before."

Wilkins echoed Kasten's sentiments, saying,

"The season is going great. We are undefeated in our conference and have only lost one match overall and it was to a top

single game.

The first match began with Rao winning her first set 6-4. She then lost her second 6-1, but came

"The team had a long streak of being undefeated, we were even ranked number one in the country at one point," Barthelma-



IVANA SU/PHOTOGRAPHY STAFF

The Lady Jays remain unbeaten in the Centennial Conference with a stellar 5-0 record.

5 team. This season we are focusing on physical fitness so that we prevent injuries and stay strong. We're also looking to make it back to NCAAAs and hopefully make it past the elite eight, which is our best finish so far!"

In singles, Hopkins finished out the day by winning all six matches. Five of the six matches were taken in straight sets, and in three of the matches, the Lady Jays did not lose a

back to win in an exciting third-set tiebreaker, 10-8. Freshman Jody Law played the second singles match, dropping just two games in a 6-1, 6-1 victory.

"We are all working really hard in practice, and we hope to continue being successful in our matches," Law said.

Freshman Mikey Barthelma played next, winning 12 straight games in her win over Washington.

Baik."

Playing fourth was Kankanala, who also beat her opponent in 12 straight games. At fifth, Wilkins won 6-2, 6-1 over Washington. Soo Ping Chow clinched the win for the Lady Jays with her 6-0, 6-0 win in the sixth and final match of the day.

The Hopkins women's tennis team returns to action on Thursday, April 17 as they take on Bryn Mawr in Pennsylvania.

Blue Jays breeze by rival Maryland Terps

By ZACH ZILBER
Staff Writer

A crowd of nearly 10,000 erupted in cheers as the Blue Jays stormed onto Homewood Field last Saturday. The Jays were playing the role of massive underdogs and not-so-gracious hosts.

As the rival Terps paraded around the field waving their school flag, a chorus of boos exploded from the student section.

"It was an electric atmosphere, that's for sure," junior defenseman Rob Enright said. "You don't get to see Homewood Field like that very often."

The ninth-ranked Jays came into this game with an all time record of 69-40-1 against the third ranked Terrapins. Needless to say, the pressure was on.

"I guess most people wouldn't want to say [that there was pressure to win this game], but there definitely was," senior attackman Brandon Benn said. "It's no secret that we had our backs against the wall and we needed this one. And that's also how coach told us to play: like we had our backs against the wall."

The game began with strong defensive play from both sides until sophomore midfielder Holden Cattoni found the back of the net for the game's first goal. According to Benn, that goal was "huge."

"This game was going to be a possession game," Benn said. "They like to possess the ball and make the most out of their opportunities. They wait until they can get the right opportunity. We just felt like we had to score on a lot of our possessions and dictate the tempo, and I think Holden [Cattoni] starting that off was definitely huge."

The defensive battle raged on, as Cattoni had the quarter's lone goal. A second goal from freshman midfielder John Crawley began the second quarter and put the Jays up two when he rolled past two Terps before finding the back of the net.

It was not until 20 minutes into the game that Maryland punched its first goal through to cut the lead to 2-1.

The stout Hopkins defense did not relent, while a goal from Benn and two from junior attackman Wells Stanwick sent the Jays into the half with a 5-1 lead. Still, Benn said the team had to keep its focus.

"We've struggled with going into halftime with the lead," Benn said. "Coming out of halftime, for some reason something changes and we get tighter. I can't even explain it. I wish I could, but it just felt different this time. We knew that we had to keep it going and they weren't just going to roll over."

The Jays did not roll over either, as Benn and Stanwick wrapped goals around one from Maryland in the third quarter. Through three quarters of play, the Jays held the third ranked Terps to just two goals.

"Coach Pietramala's game plan, as always, was spot on," Enright said of the defensive performance. "We knew a lot of what

they were going to run before they had even begun to run it."

The teams traded goals to begin the fourth before sophomore attackman Ryan Brown gave the Jays a 9-3 lead, their biggest of the day. Three goals in three minutes from the Terps made things close, but Hopkins buckled down to score the final two. At the end of an exhausting showdown between two bitter rivals, Hopkins came away with an 11-6 victory.

Senior goalie Eric Schneider finished the day with 12 saves and kind words from his teammates.

"He's unbelievable," Enright said. "There's no one else I'd rather have in goal. I had the pleasure of playing with Eric in high school. He's been playing really well, especially that game. He made some incredible saves. Some saves he just had no business making, but he did."

The victory would be short lived, however, as the Jays visited Mount Saint Mary's less than 48 hours later. Head Coach Dave Pietramala expressed his pride in the effort against Maryland, but made sure the Jays got right back to work.

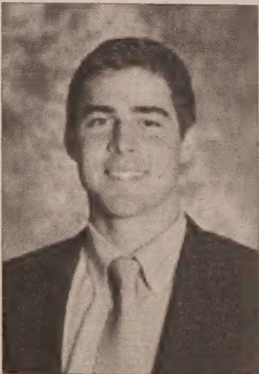
"He told us, 'I know you guys are sore,'" Enright said. "I know you guys are beat up physically and mentally but I can't let that be an excuse. You guys can't let that be an excuse."

After their rank rose to sixth in the nation, the Jays carried their momentum into Emmitsburg, Md., where they played arguably their most dominant game of the season.

Continuing its run of impenetrability, the Hopkins defense held the opposition scoreless for nearly the first 45 minutes of the game. It was the third game in a row in which the team has shut-out its competition in the first quarter.

While the defense was playing hard, the offense was wreaking havoc, scoring eight goals in the first half. They tacked on four more to go up 12-0 before that first goal trickled through with four seconds left in the third quarter.

A quick Mountaineer goal was overshadowed by five more from Hopkins as the Jays dominated the game to the tune of 17-2. During the game, 11 different players would score, but the real star was Stanwick, whose six



HOPKINSPORTS.COM

Stanwick has 36 assists in 2014.

assists tied a career high. Additionally, freshman Jack Grass scored his first career hat trick as a Jay.

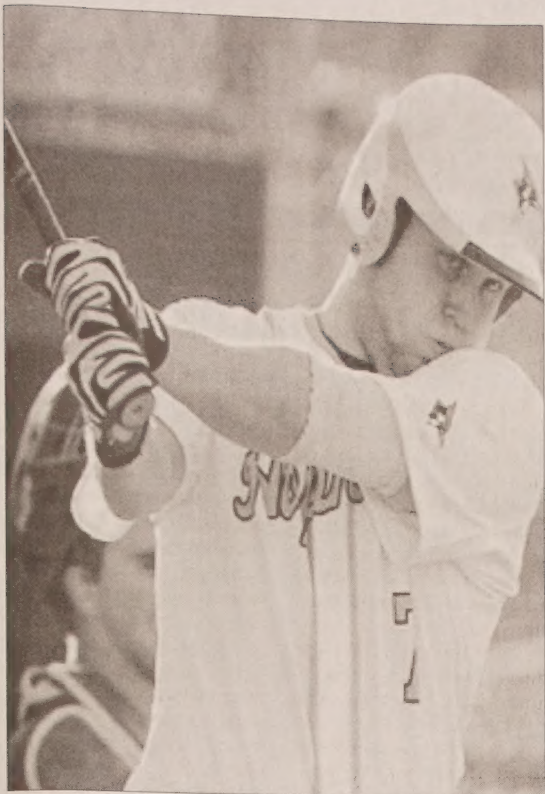
"He's basically the quarterback of our offense," Enright said. "He definitely gets guys where they need to be and has a great IQ. Probably the best IQ out of anyone I know. He always seems to find that open guy."

The win moves Hopkins to 8-3 as the now fourth ranked Blue Jays prepare to visit Navy this Friday. They will be looking to push their winning streak to four and match last season's games won.

"It's no secret that we respect [Navy], but we don't like them," Benn said. "We're definitely going to give our best effort."

BLUE JAY SPORTS SCOREBOARD			
Men's Lacrosse	Women's Lacrosse	Baseball	Baseball
April 12, 2014 vs. Maryland W, 11-6	April 13, 2014 @ Northwestern W, 12-11 (2OT)	April 10, 2014 @ Alvernia L, 14-11	April 12, 2014 vs. Swarthmore (DH) W, 8-4; W, 5-3
April 14, 2014 @ Mount St. Mary's W, 17-2	April 16th, 2014 vs. UMBC W, 10-6	April 11, 2014 @ McDaniel L, 5-2	April 14, 2014 @ Widener L, 6-2
Men's Tennis	Women's Track	Men's Track	Women's Tennis
April 12, 2014 @ Haverford W, 9-0	April 12, 2014 @ Hopkins/Loyola Invite 1st place (145 pts)	April 12, 2014 @ Hopkins/Loyola Invite 2nd place (86 pts)	April 12, 2014 vs. Washington College W, 9-0

SPORTS



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Carter Burns and Jacob Enterlin combined for 18 strikeouts on Saturday.

Jays beat Swarthmore but fall to Widener

By TOBY MIRMAN
Staff Writer

The Blue Jays rode two dynamic pitching performances from sophomore Carter Burns and junior Jacob Enterlin and the thumping bat of sophomore Raul Shah to two victories (8-4, 5-3) against Swarthmore the afternoon of Saturday April 12. Shah was 5-6 on the day with two home runs and three RBI, while Burns and Enterlin combined to hurl 18 strikeouts over 17.0 innings pitched.

Burns had his best start of the season, throwing a complete game with a career high 13 strikeouts. He was backed by the Jays' offense, lead by senior Mike Denlinger and Shah, who combined for six hits and four runs. Burns' 13 strikeouts tie for fifth most in a nine inning game in Hopkins history.

The Jays' bats woke up in the bottom of the second. Denlinger started things off with a single before sophomore Kyle Gillen smoked a double to left to put two on with none out. A balk scored Denlinger from third, and a sacrifice fly from senior Richie Carbone scored Gillen to put Hopkins up by two early.

An RBI single from junior Craig Hoelzer scored another run in the bottom of the third, but the Garnet answered back in the fourth. Burns surrendered the first home run of the season by a Hopkins pitcher, a two run job to bring the score to within one. He slammed the door, however, forcing two ground outs and a fly out to end the inning.

Hopkins widened the gap in the bottom of the fourth, tallying three doubles, and a single to knock in four runs and go up 7-2. Sophomore Mitch Weaver, senior Jonathan Hettelman and Shah all drove in runs in the inning.

Swarthore closed the score gap to three, scoring in the fifth and seventh, but a solo bomb by Shah put the Jays back up four. Burns cruised down the stretch, ending the game on a line drive double play to freshman shortstop Conor Reynolds.

Burns ended the day throwing a complete game, giving up 4 runs (3 earned) on 6 hits, striking out 13 while walking just 2.

In game two of the doubleheader, the Jays rode the right arm of junior starter Enterlin, who allowed no earned runs in 8.0 innings.

Hopkins struck early again, with junior Colin

McCarthy and Denlinger bringing in runs to put the Jays up 2-0 in the first. Swarthmore tied it up in the fourth, scoring two runs on three hits and an error by the second baseman Gillen.

Shah broke the deadlock in the seventh, launching his second solo bomb of the day to left field with two outs to put the good guys up 3-2. The Jays added some insurance in the bottom of the eighth as Denlinger and Carbone knocked in a run apiece.

In the top of the ninth, Enterlin allowed a lead-off single, prompting Coach Babb to call on junior righthander Thomas Harper to close out the game. Harper walked his first batter, before striking out the next two, putting Hopkins one out away from the sweep. A fielding error by the third baseman Shah loaded the bases, and a walk cut the lead to 5-3. Harper was unfazed however, and struck out the next batter to end the game.

In their third game in three days, Hopkins looked to build off the sweep of Swarthmore as they faced off against Widener. However, the Jays fell behind the Pride early and were never able to recover. Widener struck first in the bottom of the second, after a hit by pitch and an error put two on. A sac bunt moved the runners over, before sophomore starter Colin Friedman gave up a two RBI single.

In the third, Widener snatched another run when Friedman hit another batter. A stolen base and another single put the Jays down three.

Hopkins didn't get its first baserunner of the game until the top of the sixth with two outs, already down 4-0. Sophomore Peter Siciliano walked, advancing to third on a double down the right field line by sophomore David Rauber. Hoelzer slapped a single to right field, scoring both, but a flyout ended the rally for the Jays.

A two run homer in the bottom of the seventh widened the lead for the Pride, putting the Jays back down four going into the eighth. With the bases loaded and two out, sophomore Mitch Weaver had a chance to make something happen, but a nice play by the third baseman robbed him of his chance, getting the Pride out of the jam.

The Jays wouldn't score again in the contest, as the team suffered their first loss to Widener since 1997.

Women's Lacrosse shocks Northwestern

By RACHEL COOK
Staff Writer

With 20 seconds left in the second overtime, Hopkins sophomore Dene DiMartino scored the winning goal, snapping the fifth-ranked Northwestern Wildcats' five-game win streak. The Lady Jays are now 11-2 overall in the season, and their ALC record is back to .500 with just two league games to go.

Seven minutes into the game, the Wildcats led 3-0 before the Lady Jays returned with back-to-back goals less than 90 seconds apart. After the teams exchanged one goal each, Hopkins senior Sammy Cermack converted a free position goal to tie the game up at four a piece with 12:38 left in the half. Both teams would score two more goals, bringing the score to 6-6 as the game went into halftime.

The Wildcats came out strong, scoring the first two goals of the second half and pushing the lead to 8-6. Hopkins would not let them get away as Cermack beat the 'Cats goalie at the 21:50 mark. Cermack's goal was the first of a three-goal run for the Lady Jays in just over four minutes. With back-to-back goals coming from DiMartino and Cermack, Hopkins held their first lead of the game with a score of 9-8.

The Lady Jays stayed strong defensively, as freshman Caroline Federico provided back-to-back saves, but Hopkins turned it over on the offensive end where the Wildcats converted for a goal. With a tie game at 9-9, North-

western's Kaleigh Craig converted a free position shot, giving the Wildcats a 10-9 lead with 7:23 left in regulation. Federico made another clutch save for the Lady Jays with 3:47 left to play. After a Wildcat turnover, Hopkins senior Taylor D'Amore scored the equalizer with 49 seconds to go. Northwestern won the ensuing draw, getting two shots off in the final seconds. However, both went wide of the cage and the teams headed into overtime.

The Lady Jays won the first draw of the overtime and DiMartino converted a free position shot. Northwestern tied up the score yet again with 2:02 left in the first overtime, and after a save from Federico, the teams headed into a second overtime.

Both teams played strong on both ends of the field. With just 20 seconds remaining in the game, DiMartino would score her fifth goal of the game, giving the Lady Jays the victory. DiMartino, after a couple of rocky games, led the Lady Jays with five goals saying, "I have had a rough couples games whether

I wasn't finishing opportunities or producing as much as our team needed me to and I think I knew the task at hand and I needed to rise to the occasion for my teammates," DiMartino said. "My team picked me up and gave me opportunities that I made sure I finished."

Cermack finished the game with four points — 2 goals, 2 assists — and D'Amore had a goal and an assist. Federico finished with nine saves for her second career win, both coming in overtime.

After coming off of a tough loss against Florida, the Lady Jays showed no hesitation with the Wildcats.

"We had a full week of practice to prepare for Northwestern and I think

same feeling again going into Sunday's game. We made sure we came fully prepared and left everything on that field until the very last whistle."

DiMartino said Hopkins Coach Janine Tucker kept the team focused and motivated,

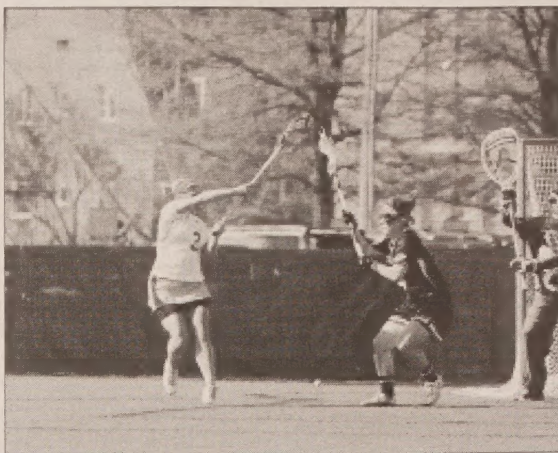
"Coach Tucker just kept reminding us that we have been here before and that we weren't tired," DiMartino said. "She just kept telling us we had to keep composed and make smart decisions and that's what we did. As a team we weren't going down without a fight and we wanted to take that game more than anything."

With few games left in the season, the Lady Jays are ready to fight to the finish.

"There is no stopping us now," DiMartino said. "We know what we are capable of and we have come so far this season for it to just end. We are chasing that national championship."

Hopkins returns to action on

Friday, April 18, as the Jays travel to State College, Pa. to take on Penn State at Jeffrey Field. The opening draw is set for 6 p.m.

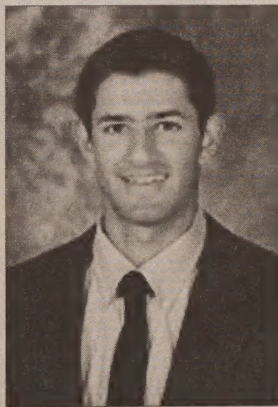


NANCY KIM/PHOTOGRAPHY STAFF
The Lady Jays upset over the Wildcats marked their first win in three games.

ATHLETE OF THE WEEK RAUL SHAH - BASEBALL

By GAURAV VERMA
Staff Writer

Sophomore third baseman Raul Shah had quite the weekend at the plate, especially in the doubleheader against Swarthmore. Shah was 5-6 at the plate with two homers, leading Hopkins to wins in both games. On the week, Shah hit .611 at the plate with a 1.056 slugging percentage, and was named in D3baseball.com's Team of the Week. After spending last season as a seldom-used backup, Shah has emerged as one of the key contributors on the team this year. He was kind enough to answer a few questions about his season, his offseason training and the team's performance thus far.



HOPKINSSPORTS.COM
Shah hit two HR's against Swarthmore.

tion this extra preparation I do at night has given me all the confidence I need to succeed at the plate and in the field. I am a firm believer that hard work always translates to success.

N-L: What sorts of things have you been working on this season? What do you think you've improved on the most in-season? What do you still feel you need to improve on?

RS: The biggest thing I've worked on this season has been my mental game. Our infield and hitting coach has stressed that all year and even suggested a book for me on the subject matter. Baseball is easily the most frustrating of all sports; the best hitters fail 70 percent of the time. That is a lot of failure to deal with. Two examples of the changes I have made mentally are:

1. Visualization. The power of visualization is absolutely incredible. Before every pitch I see myself crushing the ball at the plate or making the play in the field. I always say, "If you can't see yourself doing something, you'll never be able to actually do it." It all starts with visualizing.

2. Before every pitch, I have a phrase I say to myself when I'm in the batter's box: "See the ball over plate. Be easy." This prepares me to react to a pitch "over the plate" and saves me from swinging at bad pitches. "Be Easy" just tells me to relax and have fun.

In-season, I have most improved on hitting off-speed pitches. I think most batters will tell you that hitting a curveball is not

their favorite thing in the world to do. However, this year, I needed to work on that if I wanted to become a successful hitter. During our practices, I have our coaches throw me extra batting practice, just throwing curveballs. I'm still looking to improve on my throwing speed. Throwing speed is one of those things you are born with, but there are some things you can do to improve it, such as band work, long toss and strength training. This offseason, I will be focusing on these three to improve my throwing speed.

N-L: In similar fashion, what are the highs and lows of your season?

RS: Thankfully for myself and everyone on our team, my low of the season was at the very beginning. I had a problem being flat footed when I fielded ground balls which led to a few errors at the start of the season. However, since those first three or four games, everything has returned back to normal. I took some extra ground balls with our infield coach in the morning to make sure I fixed the problem. The high of my season is right now. All facets of my game came together at the same time and it's been a great last week. More importantly, we got two big wins last week.

N - L :

What did you do in the off-season to transform from more of a backup to a key contributor this season?

RS: Last season was one of the most mentally testing seasons I had been through. We had a phenomenal third baseman and shortstop last year, both of which were seniors. As a result, I was the backup and didn't see much time in the field. However,

I knew if I worked hard I could be our starter the next year as a sophomore. So, in the offseason I just worked as hard as I could. I put on 20 pounds before this season, which was my goal. I was putting in about six hours a day of work seven days a week. Again, nobody would know this on our team because I purposely would do the extra workouts, fielding and hitting at night when no one was around. I just knew that if I worked hard, everything would fall into place.

N-L: This season has not been the most successful record-wise. How have you and your teammates managed to stay focused and motivated?

RS: We are a young team and we knew that going into this season. With that there comes some bumps in the road. However, that doesn't change the fact that we have some of the best players in the country. Our pitching staff is nothing short of phenomenal and our young hitters have so much potential. My point is we don't have any doubt in each other.

Someone different comes up big every day and it is this belief system that has allowed us to show up to every game with the expectation of winning. Furthermore, we as a team

worked extremely hard this offseason — in the weight room and on the field. We know we work harder than any team we face and as a result we feel we deserve to win every game. "All In" is our team slogan. It has kept us together and helped us stay focused to win as many games as we can from here on out.

VITAL STATISTICS

Name: Raul Shah
Year: Sophomore
Position: 3B
Major: Economics
Hometown: Ellicott City, Md.
High School: Mount Hebron

SPORTS

Did You Know?

The women's lacrosse team's win over Northwestern marked the first Blue Jay victory in Evanston, snapping a five game losing streak against the Wildcats.

CALENDAR

FRIDAY

Men's Lacrosse @ Navy, 7:00 p.m.
Women's Lacrosse @ Penn State, 6:00 p.m.

SATURDAY

Track @ Widener Invitational, All Day

Blue Jays Outlast Terps at Homecoming



BRETT BRODSKY/PHOTOGRAPHY EDITOR

In one of the most anticipated matchups of the entire season, the Hopkins men's lacrosse team used the boisterous support from the nearly 10,000 fans at Homewood Field to upset the Maryland Terrapins 11-6 during Homecoming Weekend. Junior Wells Stanwick led the way for the Jays, as he notched a hat trick and added on an assist. Please see Page B10 for more details.

Women's Tennis: Sweep of Wash College

In another dominant performance against a conference rival, the Hopkins women's tennis team remains unbeaten after cruising past Washington College 9-0. **Page B10**

Athlete of the Week: Raul Shah

Sophomore Raul Shah stepped up at 3B for the Hopkins baseball team. His five-for-six performance in a doubleheader at Swarthmore earned him Athlete of the Week. **Page B11**

Women's Lacrosse: Upset in Evanston

The Lady Jays defeated the Northwestern Wildcats for the first time in four years as the women's lacrosse team defeated the 'Cats in a double overtime thriller. **Page B10**

Shelton paces Lady Jays at Hopkins Invite

By ZACH ROBBINS
Staff Writer

The Hopkins women's track and field team competed in their sole home meet of the year, the Hopkins/Loyola Invitational, this past Saturday. The field was stacked with competitive performances in which seven facility records were broken on the women's side alone.

Senior Maggie Shelton helped the Jays take home their second straight top spot at the event Saturday afternoon by placing first in both the 800 meter and 1500 meter runs. In the 800 meter, the Wilmette, Ill. native broke the facility record (2:13.97) that previously belonged to her with a time of 2:11.20. Her second title of the day came in the 1500 meter run where she finished in 4:33.44, the second fastest time in Division III this year. Shelton was more than happy to run in the Hopkins hosted meet. "The home meet is a fun meet to go to every year," Shelton said. "The competition gets better every year. We had three number one performances nationally in DIII, two of which were from Hopkins."

Fellow Jay, junior Frances Loeb finished just behind Shelton in the 1500

self and others that I could become a decent thrower throughout my time here."

Hopkins was able to capture 19 team points in the 5000 meter run with five Jays finishing in the top 10 spots. Senior Abby Flock led the way placing second with a time of 17:42.55 followed by fellow senior Shayna Rose in fourth with a time of 17:51.05. Freshman Gabrielle Stephens (sixth/18:20.86), senior Katie Rownd (ninth/18:54.13) and junior Grace Hancock (10th/18:56.35) rounded out the top 10 in the event.

The 4x100 meter relay team finished first in a field of 15 teams. The relay, consisting of sophomore Juliana Wittman, junior Kelly Hussey, senior Chloe Ryan and sophomore Brynn Parsons, finished with a time of 48.63, narrowly edging out the second place relay of Wesley that finished in 49.25. All four of these girls competed in the 100 meter dash, all finishing in the top 15 with times under 13 seconds.

Sophomore Stephanie Cabral won the javelin throw with a distance of 34.66 meters, only .11 meters farther than Widener's Lauren Peterson who finished second. Freshman Laura Janss placed second in the field of 17 athletes in the high jump by clearing 1.55 meters.

Hopkins was able to capture the title of their only home meet of the year while Wheeling Jesuit took second with 93 points, and Buffalo State took third with 82 points. The Jays were excited about their opportunity to compete at home and were pleased with their performance as a team. "It's our only home meet of the year so I feel like it's a little more important to go out there and compete really well," Swenson said. "A lot of family, friends and alumni come out to the meet so it's always a lot of fun — especially when there's good weather!"

The Jays will continue their season this weekend when the heptathlon and decathlon competitors will attend Mount St. Mary's Multi's meet in Emmitsburg, Md. and the rest of the team will go to Chester, Pa. for the Widener Invitational.

Blue Jays set many Hopkins records

By IAN GUSTAFSON
Staff Writer

On a day that saw a staggering 17 men's facility records fall, the Blue Jays' men's track and field team placed second at the Hopkins/Loyola Invitational. The Blue Jays scored 86 points at the Hopkins/Loyola Track and Field Complex on Saturday. For the second consecutive year, Salisbury won the event with 114 points. Buffalo State finished third with 80 points.

Senior Andrew Carey continued his recent streak of dominance on Saturday, breaking a facility and Hopkins record that he had previously set in the 1500 meter event. Carey ran the race in 3:48.57, easily topping his previous best and event record time of 3:56.07 to take first place. The Centennial Conference men's track athlete of the week now ranks first in the nation in both the 1500 and the 800 meter, having run the 800 in 1:50.95 at the Stanford Invitational earlier in the month.

"It's kind of ridiculous," Cary said when asked about his recent string of success. "I keep improving and each week it seems like I break a new record. I just feel bad for the people at Hopkinssports.com who keep having to write about me. I certainly can go faster, though. I'm as confident as I've ever been, and that makes racing a lot easier. The main goal is to win nationals in the 800 or 1500 or preferably both."

SEE M. TRACK, PAGE B10

Men's Tennis grabs two CC wins

By SI YEON LEE
For The News-Letter

This season, the Hopkins men's tennis team has bested all of their conference play opponents, and this Saturday was no different. Last week's matches ended on a high note; after going 1-2 in the weekend matches, the Blue Jays swept Centennial Conference opponent Franklin & Marshall to improve their undefeated conference record to 4-0. Hopkins was able to carry their momentum to Haverford on Saturday to prevail yet again with a 9-0 sweep in the matches.

The match began with third doubles, opening with junior Erik Lim and freshman Jeremy Dubin to lead the Blue Jays. They strolled past the opponents with a formidable 8-3 victory. The next match at first doubles was not quite as easy; the Haverford players battled with Hopkins' freshmen Michael Buxbaum and Emerson Walsh throughout the match but fell short as the Blue Jays handled the pressure with poise to close out the match winning 9-7. Sophomore Nicholas Garcia and more Noah Joachim were passed the torch at second doubles with a 2-0 lead and commanded their match, defeating the opponent 8-4 to sweep the doubles matches.

Starting the singles bracket, the Blue Jays were in a desirable posi-

tion with a great advantage over the opponents in their 3-0 lead. Yet, Haverford was still also a conference-undefeated team; the Blue Jays had to close out the match in control, not underestimating their opponent. Lim

dominant 6-4, 6-1 victory. With just the last first singles match left, the Blue Jays owning an 8-0 lead, the two opponents kept things interesting.

Haverford first single Luis Acaba stole the first set from Buxbaum, winning 6-3. However, Buxbaum was able to regroup his focus, coming back in the second set, battling fiercely to earn the second set back 6-4. The final match went down to a third set tiebreaker, and Bux-



NANCY KIM/PHOTOGRAPHY STAFF

The Jays remain undefeated in conference play after a sweep of the Fords.

baum came out victorious dealing with the pressure easily en route to the 10-4 tiebreaker win. The freshman came back from behind to win his match 3-6, 6-4, 1-0 and bring Hopkins the satisfying 9-0 sweep.

Haverford simply looked overwhelmed with the array of attacks that the Blue Jays brought with each player just as tough and talented as the next. The Blue Jays were especially relentless in their victory, hungry to earn the 9-0 win. Haverford had taken two matches from Hopkins in last year's match, and this year's Blue Jays made sure that was not going to happen. The sixth-seeded Hopkins men's tennis team will host the McDaniel Green Terror on April 16 at 4:00 p.m. The Blue Jays will look to improve upon their already impressive season with an overall record of 10-4 and still undefeated conference record of 5-0.



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Many strong performances led to a first place finish on Saturday.